Sauk Valley Community College

2025-2026

COLLEGE CATALOG

TABLE OF CONTENTS

ABOUT

Sauk Valley Community College 2025-26 College Catalog

Recognized by the Illinois Community College Board
Accredited by the Higher Learning Commission
230 South LaSalle Street, Suite 7-500 Chicago, IL 60604
800-621-7440 - HLCommission.org
About Sauk's Accreditation

SVCC Board of Trustees Policy

The Board of Trustees are elected by the people of the College District. The Board hires the President and approves all other appointments and positions. The Board also sets the basic policies and budget for the college with input from faculty, staff, and students. The Board meetings are open to the college community. Refer to www.svcc.edu/about/board-of-trustees for Board meeting agendas, minutes and Board policies.

Mission

Sauk Valley Community College is dedicated to teaching and scholarship while engaging the community in lifelong learning, public service, and economic development.

Shared Ethical Values

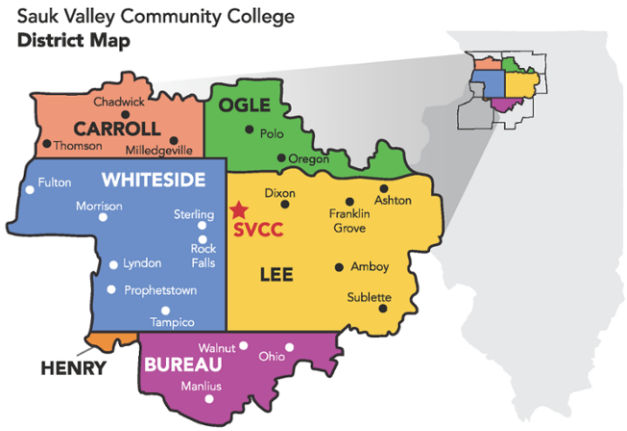
Sauk Valley Community College respects the worth and dignity of all people; stands for integrity and fairness; and encourages responsibility, accountability, and persistence in a caring, supportive environment.

Strategic Vision

Sauk Valley Community College will be a leader in student achievement while expanding access to higher education across the Sauk Valley region.

Important Telephone Numbers

Phone: 815-288-5511 | E-Mail: skyhawk@svcc.edu | Web Site: www.svcc.edu



SVCC Resources

Office	Ext.	Site
Academic Advising	354	svcc.edu/advising
Admissions & Records	273	svcc.edu/admissions
Adult Ed/ESL/GED	310	svcc.edu/adult-education
Athletics	466	svcc.edu/athletics
Bookstore	304	svcc.edu/follett-bookstore
Business Office	295	svcc.edu/business-office

Office	Ext.	Site
Business & Community Education	212	svcc.edu/bcc
Cross Cultural	432	svcc.edu/cross-cultural
Disability Support Services	220	svcc.edu/disability-support
Employer Services Coordinator	294	svcc.edu/community/business-training
Financial Assistance	339	svcc.edu/finaid
Information Center	275	
Learning Commons-Library, Tutoring, Writing Center	247	svcc.edu/lc
Learning Commons Library	247	svcc.edu/library
Learning Commons Tutoring Center	293	svcc.edu/tutoring
Learning Commons Writing Center	398	svcc.edu/writing-center
Sauk Fitness Center	466	svcc.edu/fitness-center
Security	389	svcc.edu/security
Student Activities	432	svcc.edu/student-activities
Testing Center	530	svcc.edu/testing-center
Veteran's Services	315	svcc.edu/veterans

The information in this catalog is subject to change by Sauk Valley Community College, and its inclusion in this document is not intended to and does not constitute a contract. The College reserves the right to make changes as necessary to the information contained in this catalog.

CALENDAR

Academic Calendar

Fall Semester 2025

You will find the Fall 2025 Semester Academic Calendar here.

Spring Semester 2026

You will find the Spring 2026 Semester Academic Calendar here.

Summer Semester 2026

You will find the Summer 2026 Semester Academic Calendar here.

EXPANDED OPPORTUNITIES

CAREER Agreement

(Comprehensive Agreement Regarding the Expansion of Educational Resources)

CAREER Agreements allow residents of the SVCC District 506 to attend the community colleges listed in the link below as an in-district student to pursue a career or technical (CTE) credit program NOT OFFERED by SVCC. These agreements with all Illinois community college districts allow a student from SVCC's district to attend one of these colleges to complete the desired program and to only pay that college's in-district tuition rate. Transfer programs or individual course enrollment are not eligible for CAREER agreements.

The CAREER agreement form must be completed by SVCC residents who wish to attend another participating Illinois public community college to complete a career or technical (CTE) program not offered by SVCC. The form must be completed and turned in to the Dean of Student Services for approval prior to the start of classes (30 days recommended). An approved CAREER agreement form is valid for one academic year as indicated on the application. (Fall, Spring, Summer) Upon approval, the Dean of Student Services will send the form to the receiving college. A new request form must be submitted for additional academic years. The receiving college will issue the degree or certificate for successful completion of the program of study.

An approved CAREER agreement covers only courses required by the requested career or technical (CTE) program. This agreement is void if program/college changes, or student enrolls in courses not applicable to the approved program.

Documents and Forms

For required forms and a list of Illinois participating community colleges go to svcc.edu/cca.

Submit all documents to:

Dean of Student Services
Sauk Valley Community College
173 IL Route 2
Dixon, IL 61021
Fax: (815) 380-6982

CAREER Agreement Programs at Sauk Valley Community College

Residents of other Illinois community college districts may be eligible to attend SVCC as an in-district student if they are planning to attend in a career or technical (CTE) program that is not available in their home district. Students need to contact their community college district to obtain a CAREER agreement form.

POLICIES

General Information

This section of the catalog is designed to familiarize the student with College regulations and policies, academic terminology, the College grading system, assessment of student learning outcomes, special courses and programs, and other pertinent student information concerning learning opportunities at SVCC.

Board of Trustees

The Board of Trustees are elected by the people of the College District. The Board hires the President and approves all other appointments and positions. The Board also sets the basic policies and budget for the college with input from faculty, staff, and students. The Board meetings are open to the college community. Refer to www.svcc.edu/about/board-of-trustees for Board meeting agendas, minutes and Board policies.

Placement Policies and Methods

Sauk Valley Community College is committed to placing students in courses that correspond with their ability level in order to provide each student with the greatest chance of success in those classes and future course work. The key to accomplishing this goal is a multiple method placement structure that offers students a variety of means to demonstrate college readiness.

Students are required to meet the individual course and/or program co-requisites or prerequisites as listed in the college catalog prior to the course enrollment or program admission.

SVCC provides multiple placement options in English and mathematics. Approved, valid results are required of all students wishing to register for any English composition course, mathematics course, or any other college course requiring a specific English co-requisite or prerequisite. In addition, high school transcripts may be used as a placement option and/or to satisfy individual course prerequisites. Refer to the Placement Guide on the Testing Center website at www.svcc.edu/departments/testing-center/index.html for more information.

Students who have satisfied placement based on valid high school coursework (including a "C" or better in a state-approved high school transitional math course) will be placed into the corresponding math course without taking a placement test.

Students have an option to test and retest if eligible using an SVCC placement test. The highest placement measure/score achieved by the student is used for course placement. Test scores and high school transcript information have a time limit for use for course placement. All SVCC placement tests are subject to a retest fee.

Students with documented disabilities will be accommodated on an individual basis as each disability dictates and should make an appointment with the Director of Disability Support Services prior to testing and/or enrollment.

Placement is not required for enrollment in community service (noncredit), continuing education classes, or physical education activity courses. Students who currently hold an associate's or a bachelor's degree may be exempt from the placement policy but may still be subject to placement requirements for enrollment in specific courses or programs of study. Any student exempt from the course placement policy for the reasons listed above may need to secure permission from Academic Advising prior to enrollment.

Tuition Information and Refund Policy

Determination of Residency and Tuition Information

In-District Students

An in-district student is one whose legal residence is within the boundaries of the SVCC District. All students are required to certify on the application that the address given is correct. A student is considered a resident of District 506 if one of the following criteria is met for at least 30 days prior to beginning of the term.

- The student resides with his/her parents within District 506.
- The student is an emancipated minor, completely self-supporting and resides within District 506.
- The student is 18 years or older, self-supporting, and maintains a residence within District 506.
- The student works full-time *(as defined by IRS regulations) within District 506 and can show proof of his/her employment.

Students that move into the district for reasons other than attending Sauk Valley Community College shall be exempt from the 30-day requirement if they demonstrate a verifiable interest in establishing permanent residency. Verification will consist of employment documentation, home purchase document, and/or other legal documents. Special cases regarding legal residency of students shall be considered individually.

Out-of-District Students

An out-of-district student is any person whose legal residence is outside the boundaries of SVCC District 506, but in the State of Illinois.

Out-of-district residents who wish to attend Sauk and pay tuition and fees at the in-district rate must file the "**C**omprehensive **A**greement **R**egarding the **E**xpansion of **E**ducational **R**esources" form with his/her community college district and receive authorization. The student will then be enrolled on the same tuition basis as the in-district resident. These forms can be obtained from the student's community college district and must be filed with the SVCC Admissions and Records Office **prior** to the semester when the out-of-district student wishes to begin attending Sauk.

An out-of-district resident who does not have a **"C**omprehensive **A**greement **R**egarding the **E**xpansion of **E**ducational **R**esources" authorization will be charged the out-of-district rate.

Out-of-district charges are subject to changes based on fiscal year audits ending each June 30th.

Out-of-State Students

Anyone who is a resident of another state at the time of application will be considered an out-of-state applicant. Out-of-state students will be charged the current rate of tuition for out-of-state students.

Online Students

All students will be charged the current online tuition rate for online courses.

Tuition and Fees

Tuition and fees established by the Board of Trustees are subject to change. Up-to-date tuition and fees are available online at svcc.edu/tuition

Tuition Refund

Any request for a refund of tuition must be made by the following schedule:

Fall and Spring Semesters:

16-week courses:	100% refund period - through the first week of the term 80% refund period - the second week of the term (See Academic Calendar for specific dates)
Less than 16-week courses:	100% refund period - first day of the class and the following business day 80% refund period - third and fourth business day
Summer Semester:	100% refund period - first day of the class and the following business day 80% refund period - third and fourth business day

Grading Policy

Final Exams

Instructors give final examinations at scheduled times. Final exam schedules for the current semester are located online at the exam schedule link at svcc.edu/schedule/final-exams.html. Schedules will be available by the third week of classes. See individual instructors for questions.

Grading System

Grades are recorded at the end of each semester with a system of letters indicating the quality of academic work as follows:

These grades are used in calculating a student's GPA

Grade		Grade Points
A	Excellent	4
B	Good	3
C	Average	2
D	Below Average	1
F	Failure	0

These grades are not used in calculating a student's GPA

I	Incomplete
P	Passing
W	Withdrawal
X	Audit
Z	Proficiency

The student's GPA is determined in the following manner:

Example:

Student X is taking five classes and received the corresponding grades:

Course	Course Credits Attempted	Grade	Grade Points	Hours for GPA	Total Grade Points
ENG 101	3	A	4	3	12
HUM 210	3	B	3	3	9
PSY 103	3	A	4	3	12
BIO 105	5	C	2	5	10
CIS 101	3	W			
Totals	**17**			**14**	**43**

Your grade point average (GPA) is calculated by dividing the total amount of grade points earned by the total amount of GPA credit hours. Your grade point average may range from 0.0 to a 4.0.

Total Grade Points	Hours for GPA	GPA
43 divided by	**14** =	**3.07**

Note: Developmental grades are not calculated in the GPA.

For students wishing to appeal grades, please refer to the Academic Appeals Policy.

Grade Definitions

Incomplete Grade

If a student is unable to complete a course and the student-initiated withdrawal date has passed, the instructor may assign a grade of "I" under the condition that it is practical for the student to complete the requirements of the course in the following major term. Re-registering in the course is not required in order to change an incomplete to a grade. With instructor approval, the incomplete grade ("I" grade) allows a student to make up a major exam or project after the semester has officially ended. The incomplete grade is not designed to be used in place of a Withdrawal (W grade) and is only used at the discretion and approval of the instructor and the College's Academic Deans. The instructor and the student must complete an incomplete contract that the instructor will provide to the student.

A grade of "I" must be changed to a letter grade by completing the requirements of the course no later than the end of the following major term, or the "I" grade will be changed to an "F" on the student's permanent record. A grade of "W" is not acceptable once the incomplete option is taken. It is the student's responsibility to initiate the contract with the instructor for the completion of the course. When the "I" grade is requested, the student and the instructor will submit an appropriate written plan noting projects and a timeline for completion of the course to the Vice-President of Academics and Student Services for consideration. Then, when the course requirements are completed, the instructor will submit a grade change to Admissions and Records. Incomplete grade contracts must be submitted to the Vice-President of Academics and Student Services prior to the week of finals. Reregistering is not a requirement.

Pass Grade	A "P" (passing grade) is a grade that demonstrates that the student has met the class requirements and/or allows the student to proceed to the next level of the course sequence. These credits will not be used in the calculation of GPA.
Withdrawal Grade	A "W" (withdrawal grade) is a grade that signifies that a student was not pursuing completion of the course work during the enrolled semester. These credits will not be computed in the GPA.
Audit Grade	A "X" (audit grade) is a grade assigned when a student registers for a course to gain knowledge but does not wish to earn credit for the course. These credits will not be computed in the GPA.

Proficiency Grade	A "Z" (proficiency grade) is awarded when a student passes a proficiency exam. These credits will not be computed in the GPA.
Grading Options	**Letter grades** - (A, B, C, D, F) Will be awarded based on student performance as defined in the instructor's syllabus. **Pass/Fail** - (P/F) - The pass/fail option can only be used for courses other than those within the major field. This option must be designated by mid-term. **Pass/Withdrawal** - (P/W) - The pass/withdrawal option can be used only for fitness center courses. (PED 150-153). This option must be designated by mid-term.

Grade Option Procedures

Administrative Transfer

Sauk Valley Community College will recognize an "administrative transfer" from one course level to another course level, or from one section of a course to another section of that course, until the last date in the term to withdraw from a course as long as the "sending" instructor, "receiving" instructor, and the student all agree to the transfer in writing.

Audit

A student who wishes to gain knowledge but does not wish to earn credit for the course, may, at the time of registration or during the registration change period, register to audit the course. Registration is required and the tuition for auditing is the same as for enrollment for credit. Transfer from audit to credit or credit to audit status is not permitted after the registration change period. A grade of "X" will be recorded on the transcript and the credits will not be computed in the GPA.

Fresh Start

On occasion, a student may realize that a new career path is in his/her best interest. In such cases, grades earned in the previous program of study, which are not required as part of the new career (non-transfer) program, will not be used to determine the student's Cumulative Grade Point Average (CGPA) or in the computation of degree or certificate requirements in the newly selected career program. The student must follow a prescribed course of study as set forth in the College catalog. Once this policy has been enforced it cannot be rescinded.

Students wishing to choose this option should contact the Dean of Student Services for further details at 815-835-6305.

Repeat Policy

A student may repeat a course or courses previously taken at the College or courses transferred in from other accredited institutions of higher learning. All grades earned at Sauk shall be recorded on the official transcript; however, only the last grade and credit shall be used to determine the student's grade point average. A student should be aware that other colleges may interpret repeated courses according to their own policy.

The College offers courses systematically, regularly, and as often as possible; however, the College will not necessarily offer a course requested for the purpose of repeating.

Withdrawal from Classes (Types)

Failure of a student to attend class does not constitute student-initiated withdrawal. Withdrawal from class becomes valid only after the proper procedure has been followed. Drop Forms are available online at www.svcc.edu/admissions or students may withdraw via the Student Self-Service website student.svcc.edu during the 100% refund period (see college calendar for specific date). The student will receive a final grade of "W" when withdrawing from a class after the registration change period. This is a non-punitive grade and does not affect the student's GPA. Students should contact Academic Advising and/or Financial Assistance prior to withdrawing from any class. Withdrawing from a class or multiple classes may affect future financial aid eligibility and academic standing. Deadlines for withdrawal will be pro-rated for classes that meet less than 16 weeks, including summer sessions.

Student Initiated

During the first two weeks of the fall and spring semesters, a student may drop a course by filing an online drop form at svcc.edu/admissions.

From the third through the tenth week of the class, a student may withdraw from a course by filing an online drop form that will be forwarded to the instructor. The instructor's acknowledgement indicates that the instructor is aware of the withdrawal and has had an opportunity to discuss reasons for the withdrawal and possible alternatives. The instructor must indicate the official last date of attendance on the drop form. A grade of "W" will be recorded on the student's transcript. This does not relieve the student from their obligation to make payment for this class.

Deadlines for withdrawal will be pro-rated for classes that meet less than 16 weeks, including summer sessions. Contact Admissions & Records for specific dates. **Students should contact Academic Advising and/or Financial Assistance prior to withdrawing from any class.** Dual-enrollment students must contact their high school counselor and SVCC Dual Credit Coordinator prior to withdrawing.

Students who stop attending without completing the proper college procedure may receive a grade of "F" in the course.

Instructor Initiated

Prior to the final examination, an instructor may withdraw a student if the instructor believes a student cannot successfully complete the course. Admissions and Records will notify the student of this withdrawal. The student will receive a final grade of "W" as outlined above. Students should consult individual instructors about his/her policy on withdrawing the student from the course. Any time a "W" grade is assigned, the official last date of attendance must be recorded. Students may appeal this withdrawal by using established department and College appeal procedures. Students enrolled in classes requiring

course/programs internal or external mandatory levels of compliance may be withdrawn if they are found during the course of the course/program to be out of compliance. The academic appeals process will be used to adjudicate when necessary.

Students who stop attending without completing the proper college procedure may receive a grade of "F" in the course.

Withdrawal from the College

Full-time students who decide to withdraw from the College must notify the Dean of Student Services or their designee, complete the withdrawal process, and clear all obligations with the College. Grades for students who withdraw from the College after the second week of classes will be recorded as "W". Students withdrawing from the College may, with official permission, do so during the designated withdrawal period. Students who stop attending classes without completing the proper college procedure may receive a grade of "F" in all courses.

Recognition for Academic Achievement

Deans'/President's List

As an expression of commitment to academic achievement, the College recognizes superior scholarship in several ways. Students taking courses numbered 100 or above, in good academic standing, and maintaining a semester average of 3.5 to 3.749 for the semester will be placed on the Deans' List. The Deans' List will recognize and distinguish between full-time students (12 or more GPA credit hours) and part-time students (6-11 GPA credit hours) achieving this honor. Students maintaining a semester average of 3.75 or higher in courses numbered 100 or above and in good academic standing will be honored through placement on the President's List. The President's List will recognize and distinguish between full-time students (12 or more GPA credit hours) and part-time students (6-11 GPA credit hours). Students attending during the summer semester with 6 GPA credit hours will also be recognized for the Deans'/President's List.

Graduation with Honors

Students who maintain high academic achievement throughout their period of study at the College may be graduated with honors or high honors. Students with a cumulative GPA of 3.5-3.749 will be graduated with honors, while students with a cumulative GPA of 3.75 or higher will be graduated with high honors. Students who graduate with honors will be designated as "Honors Graduates" on their SVCC transcripts.

Honors Program

Educational opportunities are available to successful students through the SVCC Honors Program. Honors students receive an enriched general education, the basis for all future academic experiences.

The Sauk honors experience includes specially designed academic work that extends beyond normal course activities, individual interaction with faculty members in the pursuit of special interests, and the opportunity to work with advanced scientific instruments. Honors students may receive financial awards from the College Foundation and recognition for academic work at honors gatherings. They also have the opportunity to transfer to an honors program at a four-year college or university.

Once admitted to the program, students may take one or more courses on an honors basis. That means going beyond the normal course requirements by doing a research project, writing a paper, or engaging in other academic work designed specifically for each student. While executing honors projects, students will improve their abilities to speak, write, listen, and conduct research.

Each semester, students who satisfy one or more of the following criteria are invited to apply for membership to Sauk's Honors Program:

- has earned 12+ semester hours and a 3.5+ cumulative GPA out of 4.0
- has been recommended for consideration by a faculty member
- has earned an ACT composite score of 27+ or an SAT of 1290+
- was a member of high school Honors program
- was in the upper 10 percent of high school graduating class
- has been an Illinois State Scholarship recipient

For more information, visit the Honors Program web page at svcc.edu/academics/honors-program/

Phi Theta Kappa

Phi Theta Kappa is an international honor society for two-year college students. Phi Theta Kappa provides recognition for excellent achievement and scholarship opportunities to all members. For those who are selected and choose to be active members, Phi Theta Kappa offers countless opportunities for personal and professional growth through activities related to four themes: scholarship, leadership, fellowship, and service. To be eligible for such recognition, membership is based on eligibility of a cumulative GPA of 3.5 with at least 12 credits earned toward a degree or 6 credits earned toward a certificate. To maintain good standing, members must maintain a minimum 3.25 cumulative GPA.

For further information visit **svcc.edu/students/student-organizations/ptk**

Academic Standing

Academic Alert, Supervision, Suspension, and Dismissal

All students are expected to maintain progress toward achievement of their academic goals. Students who do not comply with academic standing requirements at SVCC are subject to academic alert, supervision, suspension, or dismissal.

For academic standing, a student's cumulative GPA includes courses numbered 100 or above taken at SVCC and any coursework transferred from other colleges. The cumulative GPA excludes developmental and adult basic education courses. Attempted courses include developmental (courses numbered below 100 level), transfer credit, and pass/fail courses.

Academic alert, supervision, suspension, and dismissal are NOT recorded on a student's academic transcript.

Alert:

After attempting 12 GPA credit hours at SVCC, a student who does not maintain a cumulative 2.0 GPA or higher and/or does not complete 49% of term courses attempted will be placed in academic alert status and will be notified by the College.

- CSS 100 required
- 13 hours maximum enrollment*
- Students on Alert whose cumulative GPA is below 2.0, yet achieve a minimum 2.0 term GPA and complete 49% of term courses attempted, will continue under alert
- Students maintaining under alert or moving from supervision to alert are not required to re-enroll in CSS 100

Supervision:

A student on alert status who does not achieve a term 2.0 GPA and/or does not complete 49% of term courses attempted will be placed on supervision status and will be notified by the College.

- Reenrollment in CSS 100 required
- 10 hours maximum enrollment*
- Permission to register (approval of classes by an academic advisor)
- Required to meet regularly with assigned academic advisor
- Students under supervision who achieve a minimum 2.0 GPA each term and complete 49% of term courses attempted will return to Alert status until their cumulative GPA is at least 2.0 on a 4.0 scale. Students returning to Alert will be required to continue to meet regularly with assigned academic advisor.

Suspension:

A student under supervision who does not does not achieve a term 2.0 GPA and/or does not complete 49% of term courses attempted will be placed on suspension. Students who are suspended from the College will not be allowed to attend any classes until after the next regular major semester (i.e., spring or fall).

Re-admittance after Suspension:

Students who are suspended from the College may return after remaining out for one major semester (fall or spring). Prior to returning to the College, the student must schedule a conference with the Dean of Student Services. The student will agree on guidelines under which she/he will be allowed to return. Upon return, the student will be placed on supervision status. Students are required to meet regularly with assigned advisor.

Academic Dismissal:

Academic dismissal occurs if a student returning from suspension fails to maintain a minimum 2.0 GPA each term and/or does not complete 49% of term courses attempted after returning. This represents a separation of students from Sauk Valley Community College for at least two major semesters (fall and spring).

Students are eligible to apply for readmission to the College after the dismissal period. Admission will be on a petition basis to the Dean of Student Services. In order for readmission to be approved, the petition must present evidence of some change in the students' circumstances.

*excludes required labs and PED fitness center

Academic Appeals

The following procedures shall govern appeals by affected persons of post-admission student academic issues. This procedure shall not apply to decisions of agencies other than Sauk Valley Community College such as National Junior College Athletic Association, clinical facilities, employers of students, and other businesses allowing job site training of students; the College has no authority over those decisions.

Step One: Informal Resolution

1. Appeals regarding instructional or grade issues will be handled informally insofar as possible. Ordinarily, matters will be decided by the instructor, who is the first point of contact. The student has the right to have an advisor present during the meeting with the instructor.
2. Any student may appeal any instructional or grade issues to the appropriate dean/director within ten (10) College business days after receiving the grade. The student has the right to have an advisor present during the meeting with the appropriate academic dean/director.

Step Two: Appeals Board

1. Should the decision of the appropriate dean/director still not satisfy the student, the student may request an appeal to the Vice-President of Academics and Student Services. Should the decision of the Vice-President of Academics and Student Services not satisfy the student, the student may then request an appeal to the Academic Appeals Board. The Academic Appeals Board request should be submitted to the Dean of Student Services within ten (10) college business days from receipt of the decision of the Vice President of Academics and Student Services. The student must present his/her appeal in writing stating 1) the specific action being appealed and 2) the remedy sought. The student should present this appeal to the Dean of Student Services, who will act as the ombudsperson throughout this process.
2. When the written appeal for an Academic Appeals Board has been received, the Dean of Student Services will notify the Vice-President of Academics and Student Services that a request for an Academic Appeals Board has been received and that Academic Appeal Policy procedures were followed prior to this request.
3. The Academic Appeals Board hearing shall consist of three members from instructional faculty, serving alphabetically-rotating appointments, that are not in the area being appealed (appointed by the Vice-President of Academics and Student Services), one student member and one student services member, who is not the student's primary advisor or was not previously involved in the case (appointed by the Dean of Student Services). Attendance of five board members shall be required as a quorum. The selected members of the Academic Appeals Board will be required to attend an organizational/training meeting and shall elect its Chair at the start of the first meeting.

Hearing(s)

1. The Dean of Student Services will call a meeting of the Academic Appeals Board at a time arranged in consideration of the schedules of the student and the members, with avoidance of conflict with class schedules. The student will be notified of the scheduled time of the meeting in writing at least five (5) College business days prior to the meeting. The Academic Appeals Board Chair may request other students or College staff members who have information relevant to this case to appear at the meeting of the Board. The student or instructor may also make such a request in writing to the Dean of Student Services, and the Chair shall decide if such person(s) (in addition to their advisor[s]) shall be permitted to appear. All meetings of the Academic Appeals Board are closed.

2. The student and the instructor involved may each request the removal of any one member of the Academic Appeals Board from the hearing for legitimate reason. Issues of removal shall be decided by the Academic Appeals Board at the first meeting, and the Dean of Student Services shall coordinate any necessary replacement(s).
3. If the student gives notice and appropriate justification requesting a rescheduling of the meeting, the meeting may be rescheduled once.
4. The student and the instructor may each have one pre-approved advisor present. (Each party has the right to object to a chosen advisor upon just cause, i.e., personal conflict issues. The Academic Appeals Board chair makes the final decision.) The advisor is not permitted to speak or to participate directly in the proceeding before the Academic Appeals Board and is not permitted to examine or cross-examine witnesses.
5. The hearing shall not be public. For all stages of presentation of evidence and argument to the Academic Appeals Board, the Dean of Student Services*, the appellant student's advisor, the student's parents or legal guardian (only if the appellant student is a minor), the involved instructor, and the involved instructor's advisor, shall be present. Admission of any other person shall be at the discretion of the Academic Appeals Board.
6. The hearing will be recorded for possible use during an appeal to the President and/or Board of Trustees. The video will be disposed of/deleted immediately following any last appeal.

*The Dean of Student Services shall act as the facilitator/resource person for the elected Board Chair in order to ensure consistency and fairness in the process.

Academic Appeals Board

1. Only the members of the Academic Appeals Board shall be present during their deliberations. Discussion must remain confidential and only the final decision is to be discussed.
2. All deliberations of the Academic Appeals Board will remain confidential.

Recommendation(s)

1. The Academic Appeals Board may choose to reach its recommendation(s) by secret written ballot. All members have a vote, but if the final vote is taken openly, the Chair shall vote last. A majority decision of those present shall constitute the recommendation to the Dean of Student Services.
2. The Board may recommend upholding the previous academic action, or it may recommend that the previous academic action be overruled in whole or in part. The Chair shall forward the Board's written recommendation and rationale to the Dean of Student Services for action within five (5) College business days. Copies shall also be provided at the same time to the student and the involved instructor. Decision is binding unless appealed by the student.

Disposition

1. The Dean of Student Services shall notify the student, the instructor, and the President in writing of the decision made by the Academic Appeals Board within ten (10) College business days of the date of the Board meeting.
2. When the written decision of the Academic Appeals Board is given to the student and the instructor, the student will be provided with options as to follow-up action she/he may pursue. All evidence and minutes from the appeals process, including the student's written request, reasons, response, and decision will be kept on file by the Dean of Student Services. All other copies/documents will be destroyed.

Step Three: President

1. The decision of the Academic Appeals Board may be appealed by the student to the College President within ten (10) College business days after the date of the Academic Appeals Board decision letter.
2. As the final step in the formal procedure, the President will render his decision within ten (10) College business days.

Step Four: Final Appeal-Board of Trustees

1. In accordance with Board Policy 601.01 the Board of Trustees serves as the final appeal for grievances in any matter concerning the College, provided that the student shall have first exhausted all relevant procedures and appeals provided by College policy or procedure.

Alternative Instructional Offerings

Dual Credit

Dual Credit is a program that allows eligible high school students to take Sauk courses to earn credit simultaneously toward both a high school diploma and a college degree. The student can fulfill high school graduation requirements while at the same time earn college credit. Dual Credit courses are offered at SVCC, Whiteside Area Career Center, online, and at area high schools. Contact either a high school counselor or SVCC Dual Credit Coordinator at 815-835-6266 or visit svcc.edu/students/dual-credit, for more information. To check the transferability of specific courses, contact Academic Advising at 815-835-6354.

Hybrid Courses

Sauk offers some of its courses in a delivery mode currently termed as hybrid. A hybrid class is defined as one that meets on campus in a traditional face-to-face classroom setting for 50% of the class time and online (asynchronously) for 50% of the class time.

Independent Study/Tutorial

Tutorial courses are offered when a student is unable to register for a needed regularly offered course due to one of the following reasons: medical, course was canceled because of insufficient enrollment, or a student is in his/her last semester and has been unable to register for a course required for graduation.

Independent study courses are specially designed to allow a student to pursue a particular topic or subject, under the guidance of a qualified instructor. The student requesting an independent study course will discuss the project with the instructor who will then prepare an independent study outline. The student will work on his/her own to achieve mastery of the material in the course. Periodic conferences are scheduled with the instructor to ensure that satisfactory progress is made. It is the student's responsibility to discuss the transferability of the course with a receiving institution.

A student wishing to take courses in a tutorial or independent study format may enroll by securing an Application for Tutorial/Independent Study Form and submitting it to the instructor and academic dean for recommendation. All tutorial/independent study applications are approved by the Vice-President of Academics and Student Services.

A student may begin an independent study or tutorial program only after receipt of approval from the Vice-President of Academics and Student Services, who determines the action taken. The instructor will specify the testing, attendance, and other requirements of the class. The regular grading system applies to all independent study or tutorial students. Grades earned through independent study or tutorials have the same effect as those earned through regular classroom instruction.

Live Streaming/Synchronous Courses

These courses meet off campus at regularly-scheduled times, in which instruction is provided virtually. Faculty teach these courses both from on-campus and off-site locations. A computer is required including a webcam.

Online Courses

Sauk offers courses via the Internet. These classes are equivalent to traditionally-delivered classes and offer an alternative to students who prefer to take classes at non-traditional locations and times. SVCC requires students and faculty to have substantive online interaction. Students not actively participating in an online class may be withdrawn or their final grade may be affected.

Online courses may require proctored exams. Arrangements for proctoring locations, other than the SVCC testing center can be made for students living out of district by approval of the instructor. Refer to the SVCC Testing Center at svcc.edu/departments/testing-center/off-site-testing.html for more information. Any fees related to proctoring of off-site testing are the responsibility of the student. Some courses may require off-site proctoring through use of webcam and online technologies. Refer to the current online class schedule for sections that require proctored exams, computer access, or webcam usage.

Sauk Valley Community College is a member of Illinois Community College Online (ILCCO) www.ilcco.net, a consortium created to share online courses across the State. This allows Sauk students a wider array of online course offerings. Please contact Academic Advising for more details at 815-835-6354.

Study Abroad

Sauk offers semester and summer study abroad programs for Sauk college credit through the Illinois Consortium for International Studies and Programs (ICISP). Program countries may include Austria, Cambodia, China, Costa Rica, England, France, India, Ireland, and Spain. The study abroad program offers students an opportunity to explore the world, travel, and receive college credit. For more information about the program, specific countries, or scholarship opportunities, contact Professor Paul R. Edleman at paul.edleman@svcc.edu or 815-835-6265.

Alternative Credit Options

College Credits Earned at Other Institutions

Sauk Valley Community College will accept credits earned at other regionally accredited institutions of higher learning if the institutions' grading symbols are "A," "B," or "C" in credit given by American Association of Collegiate Registrars and Admissions Officers (AACRAO). College level transfer grades are computed in the students' cumulative GPA.

Credit successfully completed will be accepted:

- On a course-for-course basis, or
- As a division elective, or
- As a general elective, or
- As an IAI equivalent elective.

Students requesting transfer of "D" or "P" grades must see an academic advisor for consideration. If approved, "P" grades are not computed in the cumulative GPA. Program completion limits the number of credits earned with a grade of "P".

Some programs do not accept transfer credit. Refer to individual program requirements for more information.

Credit for Prior Learning

Credit for prior learning can be awarded only after the assessment of prior learning experiences and only for documented learning that demonstrates achievement of all terminal objectives for a specific course.

Students enrolled at SVCC may earn credits based on prior learning in the following ways:

1. Armed service experience
2. Evaluation
3. Proficiency examination
4. College Level Examination Program (CLEP) in general and subject examinations
5. DANTES examinations
6. The Advanced Placement Examination Program
7. Credit by Certification, License or Registry
8. The International Baccalaureate Program
9. State Seal of Biliteracy

Credit for prior learning does not count toward the residency requirement for a certificate or degree at SVCC except for credits earned by proficiency examination. A maximum of 30 credits gained through prior experience can be used toward a degree at SVCC; up to 50 percent of the credits earned through prior experience may be applied toward a certificate at SVCC. Students should be aware that acceptance of credit for prior experience varies among transfer institutions.

1. **Armed Service Experience**
   Credit toward graduation may be granted a veteran for certain armed service experience. All claims for experience, including armed service schooling, must be documented. All veterans must submit a copy of form DD 214 or separation record. In the case of special schooling claims, a certificate of completion for the appropriate training must be presented to Admissions and Records for credit evaluation. The College will accept armed service experiences toward college credit as recommended by the Commission on Accreditation of Service Experience of the American Council of Education.

   1. All USAFI courses numbered 400 599 are accepted for college credit if a passing grade was obtained. A grade of "P" is assigned to these credits.
   2. The College accepts credits earned through various Armed Forces Education experiences as recommended by *A Guide to Evaluation of Educational Experiences* in the Armed Services.
   3. A veteran may receive Sauk Valley Community College physical education credit at the rate of one semester hour for one year of active duty served in the armed services up to a maximum of four semester hours.

2. **Evaluation**
   Credit by Evaluation certifies knowledge gained through work experience, technical or vocational training, and other learning experiences. The first step for such an evaluation should begin in the office of the Vice-President of Academics and Student Services. Appropriate work experience in which a body of knowledge is parallel to SVCC courses will be evaluated and credit will be given when approved by the Vice-President of Academics and Student Services. A maximum of 15 semester hours may be earned through credit by evaluation. If the student is allowed credit by evaluation, he/she will be required to pay a fee for the number of semester hours requested.

3. **Proficiency Examination**
   Proficiency examinations may be taken in certain courses or programs upon petition by the student. These examinations may be taken only with the approval of the Vice-President of Academics and Student Services. They are open to those students that, in the judgment of the above listed people, meet the requirements through previous course work, experience, or a combination of both. Applications for proficiency examinations are available in the office of the appropriate dean or Vice-President of Academics and Student Services.
   If the student passes a proficiency examination, he/she will be given credit, which will be shown on the record as "Credit by Proficiency." A grade of "Z" will be recorded and the credits will not figure in the GPA. A maximum of 15 semester hours may be earned through proficiency examinations.
   The following restrictions apply to proficiency examinations:

   1. They may not be taken to raise a grade, remove a failure, or replace an incomplete;
   2. They may not be taken before the student is admitted to SVCC;
   3. They may not be taken more than once in a given course;
   4. They may not be taken in a course that is below the level of previous course work that the student has completed; and
   5. They may not be taken in a course which the student has previously audited or in which he/she has enrolled.
      Exceptions to these policies may be made only upon approval by the Vice-President of Academics and Student Services.

4. **Credits Earned by College Level Examination Program (CLEP)**
   Sauk Valley Community College will accept credits earned by CLEP to a maximum of 30 semester hours, as recommended by the American Council on Education. Guidelines established by the American Council on Education will be considered in granting credits by CLEP.
   The College follows Illinois Community College Board guidelines in granting credit for general examinations. For a complete list, go to svcc.edu/admissions, proceed to Records and then Transfer Credit to Sauk. Credit for subject matter examinations is granted in accordance with guidelines of the American Council on Education. Students may not use CLEP credits for purposes of completing the 16-semester hour residency policy at SVCC. CLEP credits will not affect a student's GPA. Students should consult with Academic Advising prior to testing to ensure compatibility of the CLEP examination with SVCC courses. A fee must be paid prior to testing. For further information call the Testing Center, 815-835-6530.

5. **Credit Earned through the DANTES Program**
   Sauk Valley Community College accepts credits earned through the DANTES program to a maximum of 30 semester hours as recommended by the American Council on Education. Guidelines established by the American Council on Education will be considered in granting credits through the DANTES program. Students may not use DANTES credits for purposes of completing the 16-semester hour residency policy at SVCC. DANTES credits will not affect a student's GPA. Students should consult with the Advising Department prior to testing to ensure compatibility of the DANTES examination with SVCC courses. A fee per exam must be paid prior to testing. For further information call the Testing Center, 815-835-6530.

6. **Credit Earned through the Advanced Placement Program**
   Sauk Valley Community College accepts Advanced Placement (AP) for college credit through tests administered from the College Entrance Examination Board, Advanced Program. Credit may be granted to students who have participated in the Advanced Placement Program in their high schools. HB3428 provides that a student who takes a College Board Advanced Placement examination and receives a score or 3 or higher on the examination is entitled to receive postsecondary level course credit at a public institution of higher education. For a complete list, go to svcc.edu/admissions, proceed to Records, and then AP score credit. Students who have taken Advanced Placement Program examinations through their high school should request that the scores be sent to Admissions and Records at SVCC. An academic advising appointment should be made to review scores and the type of credit awarded. Call 815-835-6354 to make an appointment.

7. **Credit by Certification, License, or Registry**
   Sauk Valley Community College provides credit for currently enrolled students that have successfully completed state and/or national certification, licensing, and registry examinations. The credit must be applied in a program in which the student is enrolled. The college currently provides credit recognition in the following disciplines:
   - Industrial/Technical (IND/HRS)
   - Nursing (LPN)
   - Radiography (RAD)

   To request credit recognition for a state or national exam passage, contact the academic dean or Vice-President of Academics and Student Services responsible for the program discipline in which the student is enrolled and credit is requested.

Credit for the Child Development Associate (CDA)
Per the Early Childhood Access Consortium for Equity (ECACE), 6 credit hours are to be awarded to those that have successfully attained the Child Development Associate (CDA) credential. It is the recommendation by the faculty and the administration to award the following credit to students with an active Preschool or Infant/Toddler CDA:

- **ECE 115** Introduction to Early Childhood Education (3 credit hours)
- **ECE 228** Child Health, Nutrition and Safety (3 credit hours)
  Exceptions to awarding credit include the following:
- Credit for the CDA has already been awarded at another institution or awarded for another CDA specialization (e.g. preschool, infant toddler, family child care). Institutions are not expected to award separate credit for multiple CDAs.
- The student has already completed an Associate of Applied Science degree in early childhood or a Gateways Level 2 or higher (though the 4-year would accept credit that had been awarded for CDA). If a student already has an Associate of Arts degree, the student's CDA will be considered on a case-by-case basis.
- The CDA is expired, in which case, credit will be determined on a case-by-case basis by the individual enrolling institution.

8. **The International Baccalaureate Program**
The International Baccalaureate Program provides secondary school students the opportunity to prepare for college-level coursework and earn college credit while in high school through the successful completion of IB examinations. Sauk Valley Community College accepts a specified range of IB scores as equivalencies for selected college courses. Students should submit IB scores to Admissions & Records for credit/placement evaluation. For a complete list, go to svcc.edu/admissions, proceed to Records, and then Transfer Credit to Sauk.

9. **State Seal of Biliteracy**
Sauk Valley Community College accepts the State Seal of Biliteracy as equivalent to two (2) years of foreign language coursework taken during high school if a student's high school transcript indicates the student has received the State Seal of Biliteracy. Specific scores are located on the college's website http://svcc.edu/state-biliteracyat

Student Complaint Procedure

SVCC has established an informal and formal process for reporting a concern or addressing a complaint on campus. Refer to https://www.svcc.edu/about/procedures/complaint-procedure-form.html

Transfer Agreements

Articulation

Transfer to Other Institutions

Credit in college-level courses earned at SVCC may be transferred to other institutions of higher education, academic advisors will assist students in planning appropriate transfer programs. **It remains the responsibility of the student to select his/her transfer institution and to follow the requirements for transfer to that institution**. The SVCC catalog provides suggested program guides for select transfer majors. Transfer guides/agreements to specific institutions are located on the SVCC website at svcc.edu/transfer.

MyCreditsTransfer/Transferology

MyCreditsTransfer is a statewide initiative designed to facilitate transfer within Illinois using the nationally available tool, Transferology™. Within Transferology™ find the courses that transfer between institutions, degree requirements your courses satisfy and different majors that institutions offer. For more information, visit transferready.org or https://www.transferology.com/state/il?all

Illinois Articulation Initiative

Sauk Valley Community College is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as a first-time freshman in summer 1998 and thereafter. Application of credit completed prior to the summer of 1998 is each institution's decision. SVCC will use credits completed prior to 1998 towards the GECC. However, some institutions may choose not to include courses taken prior to the summer of 1998 within the general education core curriculum. Acceptance of evaluated transfer credit outside of IAI may be applicable to meet Illinois GECC and transfer degree requirements at SVCC. Some receiving institutions may choose to re-evaluate these courses. The General Education Core Curriculum is outlined at the IAI web site at www.itransfer.org.

Graduation

Catalog for Graduation

A student has six years from the date of initial enrollment to fulfill the graduation requirements outlined in the College catalog in effect at the time of his/her first enrollment. A student may choose to meet the graduation requirement stated in the catalog in effect at the time of his/her initial enrollment or any subsequent valid catalog during the six-year period. If a student has not fulfilled the requirements within the six-year period, he or she is subject to the requirements in effect at the time of graduation. The student must remain consecutively enrolled during this period. A break in consecutive enrollment occurs when a student is not enrolled at college for a period of two or more years. If a student is unable to complete his/her requirements within six years, an appeal to use a different catalog may be made to the appropriate academic dean or the Vice-President of Academics and Student Services. When an enrollment break occurs, the student is subject to the degree requirements in the catalog in effect at the time of re-enrollment.

Students may be required to follow degree requirements outlined in later catalogs when certificates, degree programs, or courses have been extensively modified from previous catalogs.

Graduation requirements

The College reserves the right to administratively award degrees/certificates upon completion of any program.

Degree Programs

To be eligible for the associate in arts, associate in science, associate in liberal studies, associate in engineering science, associate in fine arts, or associate in applied science degree at SVCC, a student must fulfill the following requirements:

1. Satisfy all admissions requirements;
2. Complete a minimum of 16 semester hours at SVCC toward a degree; complete 16 hours in the major field for A.A.S. degree;
3. Complete no fewer than the required semester hours in a prescribed program of study;
4. Achieve a minimum cumulative GPA of 2.00;
5. Fulfill all financial obligations to the College;
6. File an "Intent to Graduate" form with Admissions and Records. Deadline to file this form is midterm week of the semester which the student intends to graduate;
7. If the student wishes to participate in the commencement ceremony, he/she must pay a commencement fee by a designated date of the graduation year.

To be eligible for a second associate degree a student must complete, in addition to the above requirements:

1. All course requirements necessary for the second degree, and
2. A minimum of 16 semester hours at SVCC in addition to those credits applying to the initial degree.

Certificate Programs

To be eligible for a certificate, a student must fulfill the following requirements:

1. Satisfy all admission requirements;
2. Complete the prescribed program of study;
3. For certificates of 30 hours or more:
   complete a minimum of 16 semester hours toward the certificate at SVCC;
4. For certificates of fewer than 30 hours:
   complete a minimum of one-half of the total credit hours toward the certificate at SVCC;

5. Achieve a minimum cumulative GPA of 2.00;
6. File an "Intent To Graduate" form with Admissions and Records for the program from which the student intends to graduate. Deadline to file is the end of the fourth week of the fall or spring semester or the second week of the summer semester in which the student intends to graduate.
7. If the student wishes to participate in the commencement ceremony, he/she must pay a commencement fee by a designated date of the graduation year.

GECC Credential

SVCC offers a credential for completion of the GECC (General Education Core Curriculum.) This General Education Core Curriculum credential indicates the satisfactory completion of GECC course requirements and will satisfy the lower-division general education requirements at the participating Illinois college or university to which they transfer. The GECC courses embedded within the credential will transfer to participating Illinois institutions of higher education as part of a transferable degree. The GECC credential is not a workforce certificate nor an industry-recognized credential.

Reverse Transfer of Credit

Former Sauk Valley Community College students who have also completed coursework at an Illinois public university may be eligible to use prescribed coursework toward the completion of an associate degree from Sauk Valley Community College. For more information about the process and requirements, visit svcc.edu/admissions or contact Admissions & Records at 815-835-6354.

Graduation Procedures

Intent to Graduate

Degree and certificate-seeking students must apply for graduation at the beginning of the semester in which they will fulfill their graduation requirements. It is recommended that the student apply for graduation the semester prior to graduation to verify that all requirements are met or are in progress. Proper notification of intent to graduate must be on file in Admissions & Records by mid-term of the fall, spring or summer semester in which students intend to complete their award. The College reserves the right to administratively award degrees/certificates upon completion of any program.

Commencement

A College-wide commencement is held once each year in May. Students completing degree and certificate graduation requirements at the end of the fall or spring terms and those students who will complete their requirements at the end of the summer term following commencement, are invited and encouraged to participate in the spring commencement ceremony. All participants in the May commencement ceremony should have an "Intent to Graduate" form on file in Admissions and Records by the mid-term of the spring semester prior to commencement. A non-refundable fee is required by a designated date of the year of graduation to participate in the commencement ceremony. This fee entitles the student to participate in the commencement ceremony, including cap and gown, graduation tassel, and diploma cover.

Drug, Alcohol, and Smoke-Free Campus

Sauk Valley Community College is committed to providing and maintaining an environment for faculty, staff, and students that is drug-free, healthy, safe, and secure. To this purpose, and in compliance with the Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101-226), the Drug-Free Workplace Act of 1988 (Public Law 100-690). the Illinois Drug-Free Workplace Act of 1986 (PA 86-1459), the Illinois Smoke-Free Campus Act, and the Illinois Cannabis Regulation and Tax Act the following procedures exist to prevent the unlawful use of controlled substances and abuse of alcohol by students and employees.

1. For the purpose of this policy, a “controlled” substance is any one or more of the following: (1) that which is not legally obtainable as defined by the Schedules of Controlled Substances (21 USC 812); (2) that which is legally obtainable but is being used in a manner different from that prescribed; or (3) that which is legally obtainable but has not been legally obtained.
2. The unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance is prohibited in campus buildings, on campus grounds, in College vehicles, at College-sponsored activities, or in any other workplace designated for College employees.
3. In accordance with the Illinois Smoke-Free Campus Act, effective July 1, 2015, smoking is prohibited everywhere on campus, including both outdoors and indoors.
4. Smoking is defined as (1) lighting or burning any type of matter or substance that contains tobacco, including but not limited to cigarettes, cigars, cigarillos, pipes, water pipes, or other smoking devices; (2) lighting or burning of non-tobacco plants or marijuana; (3) using electronic cigarettes; and (4) using smokeless tobacco.
5. This policy applies to any individual on campus property, including but not limited to students, faculty, staff, other employees, contractors, subcontractors, volunteers, visitors, and members of the public. This policy applies to all College-owned vehicles at all times.
6. Employees, as a condition of employment, are required to notify the College of any criminal drug conviction resulting from a violation occurring at the workplace no later than five (5) days after conviction. A conviction is defined as a finding of guilt (including plea of no contest) or imposition of a sentence, or both, by any judicial body charged with the responsibility of determining violations of the federal or state criminal drug statutes. The College shall notify the appropriate federal agency from which it received grant monies of an employee conviction within ten (10) days after receiving notice of such a conviction. Within thirty (30) days of receiving notice of a conviction, the College shall institute appropriate disciplinary action. This action could include, but is not limited to, dismissal. The College may also require an employee who violated this policy to participate satisfactorily in an employee assistance program or a substance abuse assistance or rehabilitation program.
7. Visitors determined to have violated this policy are subject to removal from College premises and may also be subject to legal action.
8. The College shall develop a drug-free awareness program which will inform College students and employees of the following:
    1. The short and long-term health risks of the use of illicit drugs and alcohol;
    2. The College's policy of maintaining a drug-free campus;
    3. Any health or drug abuse agency which provides substance misuse drug counseling, rehabilitation, and assistance programs; and
    4. The penalties that may be imposed for substance misuse v drug abuse violations.
9. A notice complying with the provisions of the Drug-Free Workplace Act of 1988 and Drug Free Communities and Schools Act Amendments of 1989 shall be distributed annually to each student and employee of the College.
10. With the implementation of The Illinois Cannabis Regulation and Tax Act, the state of Illinois decriminalized the possession and use of cannabis under certain specific circumstances. Despite changes in state laws, Sauk Valley Community College remains cannabis free. Possessing, selling, or using cannabis in any form at any SVCC location or event or in college vehicles is not permitted. SVCC receives federal funding and therefore abides by federal regulations. Except as otherwise provided in the Cannabis Regulation and Tax Act and the Industrial Hemp Act (410 ILCS 705/), it is unlawful for any person knowingly to possess, manufacture, or sell cannabis.
11. Intercollegiate Athletic students shall also participate in SVCC's substance abuse program as outlined in the guidelines provided by the Dean of Student Services.
12. Any student determined to have violated these policies is subject to disciplinary action under the Code of Student Conduct.
13. SVCC will complete a biennial review of its drug-free policies and procedures each even year.

Statement of Non-Discrimination

Equal Opportunity in Employment and Student Relations

Sauk Valley Community College is an equal opportunity employer and complies with applicable federal and state laws prohibiting discrimination in all employee and student relations. No person on the basis of race, gender identity/expression, sexual orientation, sex, genetic information, creed, religion, color, marital or parental status, veteran status, age, national origin, membership in any professional group, organization or association, socioeconomic status, or mental or physical disability shall be discriminated against, which includes, but is not limited to, admissions, employment, financial assistance, placement, recruitment, educational programs, and activities. Students admitted from a foreign country are expected to take the TOEFL exam. A minimum level of competency on the TOEFL exam is part of the consideration of admission. For students who reside in the United States, a lack of English skills is not a barrier to admission and participation in educational programs.Violations of this policy on the basis of sex is also governed by the Sexual Misconduct Procedures. Inquiries or complaints may be addressed to the Title IX Coordinator or the Director of Human Resources/Affirmative Action Officer.

Sexual Harassment Policy

Applicable Statute: Title VII of the Civil Rights Act of 1964

The College shall provide its employees and students an educational and employment environment free from unwelcome sexual advances by employees of the College, free from requests for sexual favors by employees of the College and free from other verbal or physical conduct by employees constituting sexual harassment as herein defined and as is otherwise prohibited by state or federal law.

The College will develop, make publicly available, and review and update at least annually a set of Sexual Misconduct Procedures in compliance with Title VII and other applicable statutes.

Sex Discrimination and Sexual Misconduct

Sauk Valley Community College is committed to fostering a safe, productive learning environment and does not discriminate on the basis of sex in any of its educational programs or activities. Title IX and College Policy prohibits discrimination on the basis of gender or sex. Sexual misconduct including sex-based harassment, domestic and dating violence, sexual assault, exploitation, and stalking are prohibited acts. All forms of sexual misconduct or other identified acts of prohibited conduct under the College's policy is regarded as serious, and violations can result in discipline, including possibility of separation from the College. In accordance with Title IX and Sexual Misconduct/Discrimination policy, Sauk Valley Community College will develop procedures that:

- Comply with the most recent State and Federal Regulations pertaining to Sexual Misconduct in Higher Education
- Highlight the College's commitment to address sexual misconduct and define prohibited conduct.
- Describe the reporting, investigation, and grievance procedures for allegations of sexual misconduct.
- Define the roles of various individuals at Sauk Valley Community College involved in the investigation and adjudication of reported instances of sexual misconduct.
- Outline the resources available to all parties in reported sexual misconduct cases.
- Provide appropriate training to all employees, students and others involved in sexual misconduct cases.

Sexual Misconduct/Title IX Incident Reporting Form svcc.edu/about/procedures/sexual-misconduct/reporting-form.html

College Resource Officers

svcc.edu/about/college-resource-personnel.html

Español

No Discriminación en Relaciones Laborales y Estudiantiles

Sauk Valley Community College es un empleador que ofrece igualdad de oportunidades y cumple con las leyes federales y estatales aplicables que prohíben la discriminación en todas las relaciones con empleados y estudiantes. Ninguna persona por motivos de raza, identidad/expresión de género, orientación sexual, sexo, información genética, credo, religión, color, estado civil o parental o responsabilidades familiares, condición de veterano, edad, origen nacional, membresía en cualquier grupo u organización o asociación profesional, estatus socioeconómico, o discapacidad mental o física será discriminado, lo que incluye, pero no se limita a, admisiones, empleo, asistencia financiera, colocación, reclutamiento, programas y actividades educativos. Los estudiantes que provienen de un país extranjero que son admitidos deben tomar el examen TOEFL. Un nivel mínimo de competencia en el examen TOEFL es parte de la consideración de admisión. Para los estudiantes que residen en los Estados Unidos, la falta de habilidades de inglés no es un obstáculo para la admisión y la participación en programas educativos. Las violaciones de esta política por motivos de sexo también se rigen por los Procedimientos de Conducta Sexual Inapropiada. Las consultas o quejas pueden dirigirse al Coordinador del Título IX o al Director de Recursos Humanos/Oficial de Acción Afirmativa.

Política de Acoso Sexual

Estatuto Aplicable: Título VII de la Ley de Derechos Civiles de 1964

El Colegio proporcionará a sus empleados y estudiantes un ambiente educativo y laboral libre de insinuaciones sexuales no deseadas por parte de los empleados del Colegio, libre de solicitudes de favores sexuales por parte de los empleados del Colegio y libre de cualquier otra conducta de forma verbal o física por los empleados que constituya acoso sexual como se define en este documento y como es prohibido por la ley estatal o federal.

El Colegio desarrollará, pondrá a disposición del público y revisará y actualizará al menos una vez al año un conjunto de Procedimientos de Conducta Sexual Inapropiada en conformidad con el Título VII y otros estatutos aplicables.

Discriminación Sexual y Mala Conducta Sexual

Sauk Valley Community College está comprometido en fomentar un ambiente de aprendizaje seguro y productivo y no discrimina por motivos de sexo en ninguno de sus programas educativos o actividades. El Título IX y la Política del Colegio prohíben la discriminación por motivos de género o sexo. Conducta sexual inapropiada, incluyendo acoso sexual, violencia doméstica y de pareja, asalto sexual, explotación y el acecho son actos prohibidos. Todas las formas de conducta sexual inapropiada u otros actos identificados de conducta prohibida según la política del Colegio se consideran graves, y las infracciones pueden resultar en medidas disciplinarias, incluyendo la posibilidad de separación del colegio. De acuerdo con el Título IX y la política de Conducta Sexual Inapropiada/Discriminación, Sauk Valley Community College desarrollará procedimientos que:

- Cumplan con las regulaciones estatales y federales más recientes relacionadas con Mala Conducta Sexual en la Educación Superior.
- Destaquen el compromiso del Colegio de abordar la conducta sexual inapropiada y definan la conducta prohibida.
- Describan los procedimientos de denuncia, investigación y quejas para las alegaciones de conducta sexual inapropiada.
- Definan los roles de varias personas en Sauk Valley Community College involucradas en la investigación y adjudicación de casos denunciados de conducta sexual inapropiada.
- Describan los recursos disponibles para todas las partes involucradas en los reportes de incidentes de conducta sexual inapropiada.
- Provean capacitación adecuada a todos los empleados, estudiantes y otras personas involucradas en casos de conducta sexual inapropiada.

Formulario para Reportar Incidentes de Conducta Sexual Inapropiada / Título IX

svcc.edu/about/procedures/sexual-misconduct/reporting-form.html

Oficiales de Recursos del Colegio

svcc.edu/about/college-resource-personnel.html

Access to Faculty

The College prides itself on providing a caring, friendly atmosphere conducive to the learning process. A student experiencing academic difficulties is encouraged to contact his or her instructor to determine what additional assistance, if any, can be provided. Full-time college faculty maintain convenient office hours to provide interactive opportunities for students to discuss class work. Information about contacting all faculty, including adjunct faculty, can be attained by visiting svcc.edu/directory or reviewing a course syllabus.

PROGRAMS OF STUDY

General Information

The Sauk Valley Community College academic year consists of a minimum of 32 weeks, during which there is a scheduled fall semester of at least 16 weeks, including final examinations, and a spring semester of at least 16 weeks, including final examinations.

The College reserves the right to make additions, deletions, and modifications to curricula, course descriptions, degree requirements, academic policies, schedules, academic calendars, and tuition and fees without notice. Although every effort is made to ensure the accuracy of the information published in the Sauk Valley Community College Catalog, it is normal to expect changes in course listings and other information. Changes are made to programs as updates occur with other institutions of higher education and State requirements are articulated. The College reserves the right to effect changes without notice or obligation, including the right to discontinue a course, a group of courses, or a degree program. Notices of such changes are widely distributed on campus.

The College expects each student to have knowledge of the information presented in the catalog.

Educational Programs

University Transfer refers to those programs and courses in the liberal arts, sciences, and in pre-professional curricula that transfer to four-year colleges or universities.

Career Education programs and courses in agriculture, business, technical, human services, and health fields are designed to prepare individuals for employment or to upgrade the skills and knowledge of employees. Some of these courses are designed specifically for career programs and are not intended as transfer coursework.

Developmental Education programs and courses are designed to upgrade skills in English language arts and mathematics so individuals can achieve higher levels of competence and succeed in college-level work. General Educational Development (GED), Adult Basic Education (ABE), and English as a Second Language (ESL) are also offered.

Community Education courses, workshops, and seminars are offered in response to local needs and interests on a credit or noncredit basis in communities throughout the district. Customized training programs are developed for specific businesses and industries.

University Transfer Programs
Associate in Arts Degree
The associate in arts (A.A.) degree is designed to complete the Illinois Articulation Initiative transferable General Education Core Curriculum (GECC) and the lower-division portion of a Baccalaureate Degree. SVCC also offers a credential for completion of the GECC.

- **General Education Core Curriculum (37-39 Semester Hours)**
  - **Communications (9 semester hours)**
    A grade of "C" or better is required in the Communication writing courses.

    - ENG 101
    - ENG 103
    - COM 131
  - **Mathematics (3-4 semester hours)**
    - MAT 111
    - MAT 112
    - MAT 115
    - MAT 203
    - MAT 204
    - MAT 205
    - MAT 220
    - MAT 221
    - MAT 230
    - MAT 240
  - **Humanities and Fine Arts (9 semester hours)**
    At least one course must be selected from Humanities and one course from Fine Arts. Interdisciplinary courses encompassing both the humanities and the fine arts may be used for either category. Only one course noted with identical subscript letters can be utilized towards general education credit.

    - **Humanities**
      - **Foreign Language**
        - LAN 262
      - **Literature**
        - EDU 221
        - ENG 201
        - ENG 203
        - ENG 212*
        - ENG 225
        - ENG 226
        - ENG 227
        - ENG 228
        - ENG 230*
      - **Philosophy**
        - PHL 101
        - PHL 102
        - PHL 103
      - **Religious Studies**
        - PHL 104*
      - **Interdisciplinary Humanities**
        - HUM 150*
        - HUM 210
    - **Fine Arts**
      - **Performing Arts**
        - MUS 201
      - **Visual Arts**
        - ART 119
        - ART 120
        - ART 121_{A}
        - ART 122_{A}
        - HUM 112
      - **Interdisciplinary Fine Arts**
        - HUM 150*
        - HUM 210
  - **Physical and Life Sciences (7 to 8 semester hours)**
    One course must be selected from Life Science and one course from Physical Science. At least one course must be a laboratory science course (LAB).

    - **Life Sciences**
      - BIO 103 (LAB)
      - BIO 104
      - BIO 105 (LAB)
      - BIO 123 (LAB)
      - BIO 131 (LAB)
      - BIO 140
    - **Physical Sciences**
      - CHE 102
      - CHE 103 (LAB)
      - CHE 105 (LAB)
      - GSC 105 (LAB)
      - GSC 106
      - GSC 115
      - PHY 175 (LAB)
      - PHY 201 (LAB)
      - PHY 211 (LAB)
  - **Social and Behavioral Sciences (9 semester hours)**

Courses must be selected from at least two disciplines. Only one course noted with identical subscript letters can be utilized towards general education credit.

- **Anthropology**
  - SOC 115*
  - SOC 116*
- **Economics**
  - ECO 211
  - ECO 212
- **History**
  - HIS 131
  - HIS 132
  - HIS 155*
  - HIS 221
  - HIS 222
- **Human Geography**
  - GEO 122*
- **Political Science**
  - PSC 163
  - PSC 164
  - PSC 232
  - PSC 233*$_B$
  - PSC 251*$_B$
  - PSC 261
- **Psychology**
  - PSY 103
  - PSY 200
  - PSY 214
  - PSY 215
- **Sociology**
  - SOC 111
  - SOC 112
  - SOC 251

- **SVCC Degree Requirements (4 Semester Hours)**
  - **First Year Experience (1 semester hour)**
    (SVCC Requirement-This is not a General Education Core Curriculum IAI course and is not required by the State for degree completion.)

    - FYE 101
  - **Personal Health and Development (3 semester hours)**
    Courses addressing student success/career exploration strategies, offering opportunities for creative expression, and improving health/wellness.

    (SVCC Requirement - These are not General Education Core Curriculum IAI courses and are not required by the State for degree completion.)

    - ART 113
    - ART 114
    - BIO 120
    - CIS 109
    - CSS-any
    - EDU 105
    - ENG 270
    - ENG 271
    - PED 100 level-any
    - PED 213
- **Major Field Requirements/Transfer Electives (21-23 Semester Hours)**
  Students should consult an academic advisor and their transfer institution to determine the specific courses appropriate for their program of study.
- **Total Credit Hours for Degree (64 Semester Hours)**

Computer Skills

Students planning to enter virtually every field need to be knowledgeable of basic computer operations, software applications, and Internet research.

Foreign Language

While few baccalaureate institutions require a foreign or second language in their campus-wide general education requirements, competency through two, three, or four college semesters (or the high school equivalent) in a single foreign or second language is required for the Bachelor of Arts (B.A.) degree at some universities, for all bachelor's degrees in some colleges (such as colleges of liberal arts), and for some bachelor's degree majors. Thus, community college students who intend to transfer should plan to complete the foreign language courses required by their intended institution, college within a university, and/or major **prior to transferring**. Students should consult with an academic advisor and their transfer institutions to determine how this requirement can be met.

***Human Diversity**

While General Education Core Curriculum courses incorporate as much as possible throughout all of its courses, authors, sources, and topics that expose students to the realities of a culturally diverse world, several courses (marked with an asterisk) are designed specifically to recognize and engender respect and value for human diversity. Therefore, as a state mandate, one or more courses incorporating human diversity for the purpose of improving human relations throughout an educated citizenry should be completed as part of graduation from SVCC.

All students must satisfy graduation requirements. See Policies

Associate in Science Degree

The associate in science (A.S.) degree is designed to prepare students to transfer as juniors into a baccalaureate STEM (science, technology, engineering and mathematics) program. This degree has a modified general education package (does NOT fulfill the requirements for the Illinois General Education Core Curriculum - GECC) which allows students in these demanding fields the opportunity to remain on track with their cohorts at the 4-year institutions and complete additional general education courses after they transfer to their institution of choice. **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

- **General Education (31-33 Semester Hours)**
  - **Communications (9 semester hours)**
    A grade of "C" or better is required in the Communication writing courses.

    - ENG 101
    - ENG 103
    - COM 131
  - **Mathematics (3-4 semester hours)**
    - MAT 111
    - MAT 112
    - MAT 115
    - MAT 203
    - MAT 204
    - MAT 205
    - MAT 220
    - MAT 221
    - MAT 230
    - MAT 240
  - **Humanities and Fine Arts (6 semester hours)**
    At least one course must be selected from Humanities and one course from Fine Arts. Interdisciplinary courses encompassing both the humanities and the Fine Arts may be used for either category. Only one course noted with identical subscript letters can be utilized towards general education credit.

    - **Humanities**
      - **Foreign Language**
        - LAN 262
      - **Literature**
        - EDU 221
        - ENG 201
        - ENG 203
        - ENG 212*
        - ENG 225
        - ENG 226
        - ENG 227
        - ENG 228
        - ENG 230*
      - **Philosophy**
        - PHL 101
        - PHL 102
        - PHL 103
      - **Religious Studies**
        - PHL 104*
      - **Interdisciplinary Humanities**
        - HUM 150*
        - HUM 210
    - **Fine Arts**
      - **Performing Arts**
        - MUS 201
      - **Visual Arts**
        - ART 119
        - ART 120
        - ART 121_{A}
        - ART 122_{A}
        - HUM 112
      - **Interdisciplinary Fine Arts**
        - HUM 150*
        - HUM 210
  - **Physical and Life Sciences (7 to 8 semester hours)**
    One course must be selected from Life Science and one course from Physical Science. At least one course must be a laboratory science course (LAB).

    - **Life Sciences**
      - BIO 103 (LAB)
      - BIO 104
      - BIO 105 (LAB)
      - BIO 123 (LAB)
      - BIO 131 (LAB)
      - BIO 140
    - **Physical Sciences**
      - CHE 102
      - CHE 103 (LAB)
      - CHE 105 (LAB)
      - GSC 105 (LAB)
      - GSC 106
      - GSC 115
      - PHY 175 (LAB)
      - PHY 201 (LAB)
      - PHY 211 (LAB)
  - **Social and Behavioral Sciences (6 semester hours)**

Courses must be selected from at least two disciplines. Only one course noted with identical subscript letters can be utilized towards general education credit.

- **Anthropology**
  - SOC 115*
  - SOC 116*
- **Economics**
  - ECO 211
  - ECO 212
- **History**
  - HIS 131
  - HIS 132
  - HIS 155*
  - HIS 221
  - HIS 222
- **Human Geography**
  - GEO 122*
- **Political Science**
  - PSC 163
  - PSC 164
  - PSC 232
  - PSC 233*$_{B}$
  - PSC 251*$_{B}$
  - PSC 261
- **Psychology**
  - PSY 103
  - PSY 200
  - PSY 214
  - PSY 215
- **Sociology**
  - SOC 111
  - SOC 112
  - SOC 251

- **SVCC Degree Requirements (4 Semester Hours)**
  - **First Year Experience (1 semester hour)**
    (SVCC Requirement-This is not a General Education Core Curriculum IAI course and is not required by the State for degree completion.)

    - FYE 101
  - **Personal Health and Development (3 semester hours)**
    Courses addressing student success/career exploration strategies, offering opportunities for creative expression, and improving health/wellness.

    (SVCC requirement - These are not General Education Core Curriculum IAI courses and are not required by the State for degree completion.)

    - ART 113
    - ART 114
    - BIO 120
    - CIS 109
    - CSS-any
    - EDU 105
    - ENG 270
    - ENG 271
    - PED 100 level-any
    - PED 213
- **Additional AS Requirements (7 - 9 semester hours)**
  - **Mathematics (select from the following one additional mathematics course)**
    - MAT 150
    - MAT 203
    - MAT 204
    - MAT 205
    - MAT 211
    - MAT 220
    - MAT 221
    - MAT 230
    - MAT 231
    - MAT 240
  - **Life and Physical Sciences (select from the following one additional science course)**
    - BIO 105
    - BIO 111
    - BIO 123
    - BIO 131
    - CHE 105
    - CHE 106
    - PHY 201
    - PHY 202
    - PHY 211
    - PHY 212
- **Major Field Requirements/Transfer Electives (18-22 Semester Hours)**
  Students should consult an academic advisor and their transfer institution to determine the specific courses appropriate for their program of study.
- **Total Credit Hours for Degree (64 Semester Hours)**

Computer Skills

Students planning to enter virtually every field need to be knowledgeable of basic computer operations, software applications, and Internet research.

***Human Diversity**

While General Education Core Curriculum courses incorporate as much as possible throughout all of its courses, authors, sources, and topics that expose students to the realities of a culturally diverse world, several courses (marked with an asterisk) are designed specifically to recognize and engender respect and value for human diversity. Therefore, as a state mandate, one or more courses incorporating human diversity for the purpose of improving human relations throughout an educated citizenry should be completed as part of graduation from SVCC.

All students must satisfy graduation requirements. See Policies

Associate in Engineering Science Degree

***THE ASSOCIATE IN ENGINEERING SCIENCE (AES) degree is being discontinued. Students interested in engineering science should consult an SVCC advisor for more information.**

Baccalaureate engineering programs are highly structured in order to meet the standards established by the Accreditation Board for Engineering and Technology (ABET) for candidates seeking state of Illinois registration as a professional engineer. Community college students are strongly encouraged to complete an associate in engineering science degree prior to transferring to a four-year institution. The AES degree does not include the entire Illinois general education core curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

To transfer as a junior into a baccalaureate engineering program, students must complete all essential prerequisite courses. Since admission is highly competitive, completion of the suggested courses does not guarantee admission at the four-year college of the student's choice.

- **General Education (32-35 Semester Hours)**
  - **Communications (6-9 semester hours)**
    A grade of "C" or better is required in the Communication writing courses.
    - ENG 101 required;
    - ENG 103 required;
    - COM 131 optional.
  - **Humanities/Fine Arts (3-6 semester hours)**
    Students are encouraged to select at least one course in either the humanities/fine arts or the social and behavioral sciences that emphasizes non-Western cultures or minority cultures within the United States. If two courses are selected in a field, a two-semester sequence in the same discipline is recommended. If only three hours are completed in Humanities/Fine Arts, then six hours are required in Social/Behavioral Sciences and vice-versa. Certain specialty areas in engineering require only three hours (1 course) from both Humanities/Fine Arts and Social/Behavioral Sciences. In turn, more credit hours are required in engineering specialty courses. Refer to AES degree chart in the SVCC catalog for specific course recommendations by specialty area. Also, see an academic advisor to complete required paperwork (substitution form) to document this

combination of courses. Interdisciplinary courses encompassing both the humanities and the fine arts may be used for either category. Please refer to the Associate in Engineering Science Degree Chart link below. See an Academic Advisor to complete required paperwork for this program.

Associate in Engineering Science Degree Chart: 2024-25 AES Chart

- **Humanities**
  Only one course noted with identical subscript letters can be utilized toward general education credit
  - **Foreign Language**
    - LAN 262
  - **Literature**
    - EDU 221
    - ENG 201
    - ENG 203
    - ENG 212*
    - ENG 225
    - ENG 226
    - ENG 227
    - ENG 228
    - ENG 230*
  - **Philosophy**
    - PHL 101
    - PHL 102
    - PHL 103
  - **Religious Studies**
    - PHL 104*
  - **Interdisciplinary Humanities**
    - HUM 150*
    - HUM 210
- **Fine Arts**
  - **Performing Arts**
    - MUS 201
  - **Visual Arts**
    - ART 119
    - ART 120
    - ART 121_{A}
    - ART 122_{A}
    - HUM 112
  - **Interdisciplinary Fine Arts**
    - HUM 150*
    - HUM 210
- **Social and Behavioral Sciences (3-6 semester hours)**
  Only one course noted with identical subscript letters can be utilized towards general education credit.
  - **Anthropology**
    - SOC 115*
    - SOC 116*
  - **Economics**
    - ECO 211
    - ECO 212
  - **History**
    - HIS 131
    - HIS 132
    - HIS 155*
    - HIS 221
    - HIS 222
  - **Human Geography**
    - GEO 122*
  - **Political Science**
    - PSC 163
    - PSC 164
    - PSC 232
    - PSC $233*_{B}$
    - PSC $251*_{B}$
    - PSC 261
  - **Psychology**
    - PSY 103
    - PSY 200
    - PSY 214
    - PSY 215
  - **Sociology**
    - SOC 111
    - SOC 112
    - SOC 251
- **Science (5 semester hours)**
  - **Science**
    - CHE 105
- **Mathematics (12 semester hours)**
  - **Mathematics**

    - MAT 203
    - MAT 204
    - MAT 205
- **Required Prerequisite Courses (16-21 Semester Hours)**
  If students opt not to take PHY 213, more credits will need to be completed in Engineering Specialty Courses to equal 64 total credits.

  - **Mathematics (3 semester hours)**
    - MAT 211
  - **Science (10-15 semester hours)**
    - PHY 211
    - PHY 212
    - PHY 213 optional
  - **Computer Programming (3 semester hours)**
    - MAT 150 or CIS 207 or CIS programming course - Structured Language.
- **Engineering Specialty Courses (7-15 Semester Hours)**
  - **Engineering Specialty Courses**
    - BIO 105
    - BIO 131
    - CHE 106
    - CHE 201
    - CHE 202
    - CIS 208
    - EGR 103
    - PHY 221
    - PHY 222
    - PHY 246
    - PHY 247
- **SVCC Degree Requirements (1 Semester Hour)**
  - **First Year Experience (1 semester hour)**
    (SVCC Requirement-This is not a General Education Core Curriculum IAI course and is not required by the State for degree completion.)

    - FYE 101
- **Total Credit Hours for Degree (64 Semester Hours)**

***Human Diversity**

While General Education Core Curriculum courses incorporate as much as possible throughout all of its courses, authors, sources, and topics that expose students to the realities of a culturally diverse world, several courses (marked with an asterisk) are designed specifically to recognize and engender respect and value for human diversity. Therefore, as a state mandate, one or more courses incorporating human diversity for the purpose of improving human relations throughout an educated citizenry should be completed as part of graduation from SVCC.

All students must satisfy graduation requirements. See Policies

Associate in Fine Arts Degree - Art

The Associate in Fine Arts (AFA) should be pursued by students seeking a professional baccalaureate degree, typically a Bachelor of Fine Arts (BFA) in the Studio Arts. This includes but is not limited to: Drawing, Painting, Printmaking, Sculpture, Ceramics, Photography, Videography, Animation, Illustration, Graphic Design, and Communication Arts. The AFA does not require completion of all of the associate's degree general education courses. AFA students who intend to transfer must work with college advisors and the art program coordinator to plan for successful transfer.

When pursuing an AFA full-time, a student may be able to complete the program in two years. The AFA student is expected to be in the studio 5 hours per week per class, and will be required to do studio work outside of class time. A full-time AFA student will be taking 15 to 18 credit hours each fall and spring semesters. A full-time student who does not complete the AFA degree requirements in sequence may need more than two years to complete the program. A part-time AFA student will also need to complete the required courses in sequence.

- **General Education (31-33 Semester Hours)**
  - **Communications (9 semester hours)**
    A grade of "C" or better is required in the Communication writing courses.

    - ENG 101
    - ENG 103
    - COM 131
  - **Mathematics (3-4 semester hours)**
    - MAT 111
    - MAT 112
    - MAT 115
    - MAT 203
    - MAT 204
    - MAT 205
    - MAT 220
    - MAT 221
    - MAT 230
    - MAT 240
  - **Humanities (6 semester hours)**

    Foreign Language
    - LAN 262
    - **Literature**
      - EDU 221
      - ENG 160
      - ENG 201
      - ENG 203
      - ENG 212*
      - ENG 225
      - ENG 226
      - ENG 227
      - ENG 228
      - ENG 230*
    - **Philosophy**
      - PHL 101
      - PHL 102
      - PHL 103
    - **Religious Studies**
      - PHL 104*
    - **Interdisciplinary Humanities**
      - HUM 150*
      - HUM 210
  - **Physical and Life Sciences (7-8 semester hours)**
    One course must be selected from Life Science and one course from Physical Science. At least one course must be a laboratory course (LAB).

    - **Life Sciences**
      - BIO 103 (LAB)
      - BIO 104
      - BIO 105 (LAB)
      - BIO 123 (LAB)
      - BIO 131 (LAB)
      - BIO 140
    - **Physical Sciences**
      - CHE 102
      - CHE 103 (LAB)
      - CHE 105 (LAB)
      - GSC 105 (LAB)
      - GSC 106
      - GSC 115
      - PHY 175 (LAB)
      - PHY 201 (LAB)
      - PHY 211 (LAB)
  - **Social and Behavioral Sciences (6 semester hours)**
    Only one course noted with identical subscript letters can be utilized towards general education credit.

    - **Anthropology**
      - SOC 115*
      - SOC 116*
    - **Economics**
      - ECO 211
      - ECO 212
    - **History**
      - HIS 131
      - HIS 132
      - HIS 155*
      - HIS 221
      - HIS 222
    - **Human Geography**
      - GEO 122*

- **Political Science**
  - PSC 163
  - PSC 164
  - PSC 232
  - PSC 233*$_{B}$
  - PSC 251*$_{B}$
  - PSC 261
- **Psychology**
  - PSY 103
  - PSY 200
  - PSY 214
  - PSY 215
- **Sociology**
  - SOC 111
  - SOC 112
  - SOC 251

- **SVCC Degree Requirements (4 Semester Hours)**
  - **First Year Experience (1 semester hour)**
    (SVCC Requirement-This is not a General Education Core Curriculum IAI course and is not required by the State for degree completion.)
    - FYE 101
  - **Personal Health and Development (0-3 semester hours)**
    Courses addressing student success/career exploration strategies, offering opportunities for creative expression, and improving health/wellness. (SVCC Requirement-These are not General Education Core Curriculum IAI courses and are not required by the State for degree completion.) Art students should choose courses from their prospective majors which will be applied to this requirement. Transfer students are encouraged to develop a portfolio of their work. Art majors choose art courses in the Art Requirements - Art Core Requirements area to fulfill this SVCC requirement (ART 113 or 114).
  - **Art Core Requirements (33 Semester Hours)**
    A portfolio review is usually required for transfer.
    - **Art History (9 semester hours)**
      - ART 120
      - ART 121
      - ART 122
    - **Drawing I and II (6 semester hours)**
      - ART 113
      - ART 114
    - **Two-Dimensional Design (3 semester hours)**
      - ART 101
    - **Three-Dimensional Design (3 semester hours)**
      - ART 102
      - ART 203
      - ART 213
      - ART 225
      - ART 230
  - **Advanced ART Classes**
    - ART 204 Oil Painting II, ART 214 Life Drawing II, or ART 250 Sculpture I may be taken as advanced ART class substitutions. These classes are not offered regularly in the course sequence. Enrollment in advanced ART classe requires ART program director approval.
- **Total Credit Hours for A.F.A. - Art Degree (65-67 Semester Hours)**

***Human Diversity**

While General Education Core Curriculum courses incorporate as much as possible throughout all of its courses, authors, sources, and topics that expose students to the realities of a culturally diverse world, several courses (marked with an asterisk) are designed specifically to recognize and engender respect and value for human diversity. Therefore, as a state mandate, one or more courses incorporating human diversity for the purpose of improving human relations throughout an educated citizenry should be completed as part of graduation from SVCC.

All students must satisfy graduation requirements. See Policies.

Non-Specialized Programs

Associate in Liberal Studies

Associate in Liberal Studies

The associate in liberal studies (A.L.S.) degree is a non-specialized degree that is tailored to meet the needs and interests of the individual student. Both transfer and career education courses may be used to fulfill the requirements for this alternate degree program. The A.L.S. degree is designed for the student who may not want to work toward the more traditional specialized degrees. While not intended to be a transfer degree, the A.L.S. degree is designed to enable the student to articulate with a bachelor of general studies/liberal studies degree program at participating Illinois universities. (Sauk's articulation agreements with Illinois universities do not apply to the associate in liberal studies.)

Degree Requirements

The specific requirements for the A.L.S. degree are as follows:

1. Complete a minimum of 64 semester hours of coursework at the 100 level, or above, with an average grade of "C" or better.

2. Develop and fulfill a statement of educational goals and a specific written program of course work which must be approved and signed by the student, his or her academic advisor. This written program must be filled out and signed prior to the completion of the last 16 semester hours of coursework that are to be used to satisfy requirements for the degree. The program cannot be changed without the consent of both the student and academic advisor.
3. Complete 21 hours of general education plus one hour First Year Experience (FYE) course as outlined below: General education at Sauk Valley Community College is designed to provide learning experiences that prepare the student to assume a productive role as a citizen, to understand and function successfully in the world, and to prepare for lifelong learning. General education will provide the opportunity for the student to acquire the knowledge, skills, insights and sensitivity needed to function as an educated person. Courses for general education for the A.L.S. degree must be in compliance with general education from A.S., A.A., or A.A.S. degree requirements.
    1. Communications: 6 hours
    2. Social and Behavioral Sciences: 3 hours
    3. Humanities and Fine Arts: 3 hours
    4. Life and Physical Science/Math: 6 hours
    5. General Education Elective: 3 hours
    6. SVCC Degree Requirement: FYE 101: 1 hour
4. Complete a minimum of 16 semester hours of coursework at Sauk Valley Community College.
5. All students must satisfy graduation requirements. See Policies.

Career Programs

Associate in Applied Science

The associate in applied science (A.A.S.) degree is designed as a career program for students seeking specialized education which prepares them to enter or to advance in employment. These programs are not designed to transfer to four-year colleges and universities. The programs of study have been developed by the SVCC faculty with the assistance of local citizens serving on career and technical (CTE) workforce councils and with the approval of personnel from state agencies.

The guidelines for an associate in applied science degree are as follows:

- **General Education Requirements (Minimum of 15 Semester Hours)**
  - **Communications (3 - 9) semester hours)**
    A grade of "C" or better is required in Communication Writing courses.

    - ENG 101 and one or more of the following, is required: ENG 103, ENG 111, COM 131.
  - **Mathematics (0 -3 semester hours)**
    - MAT 106
    - MAT 110
    - MAT 111
    - MAT 112
    - MAT 115
    - MAT 121
    - MAT 122
    - MAT 203
    - MAT 204
    - MAT 205
    - MAT 220
    - MAT 221
    - MAT 230
    - MAT 240
    - See the specific program for recommended mathematics course or sequence.
  - **Humanities and Fine Arts (0 - 3 semester hours)**
    - **Humanities**
      - **Foreign Language**
        - LAN 161
        - LAN 162
        - LAN 261
        - LAN 262
      - **Literature**
        - EDU 221
        - ENG 201
        - ENG 203
        - ENG 212*
        - ENG 225
        - ENG 226
        - ENG 227
        - ENG 228
        - ENG 230*
      - **Philosophy**
        - PHL 101
        - PHL 102
        - PHL 103
      - **Religious Studies**
        - PHL 104*
      - **Interdisciplinary Humanities/Fine Arts**
        - HUM 150*
        - HUM 210
    - **Fine Arts**
      - **Performing Arts**
        - MUS 201
      - **Visual Arts**
        - ART 119
        - ART 120
        - ART 121
        - ART 122
        - HUM 112
      - **Interdisciplinary Humanities/Fine Arts**
        - HUM 150*
        - HUM 210
  - **Physical and Life Science (0 - 8 semester hours)**
    Selection must be from one of the following courses, unless a chosen applied science curriculum has a specific science requirement.

    - **Life Sciences**
      - BIO 103 (LAB)
      - BIO 104
      - BIO 105 (LAB)
      - BIO 108 (LAB)
      - BIO 109 (LAB)
      - BIO 110 (LAB)
      - BIO 111 (LAB)
      - BIO 120
      - BIO 123 (LAB)
      - BIO 131 (LAB)
      - BIO 140
    - **Physical Sciences**
      - CHE 102
      - CHE 103 (LAB)
      - CHE 105 (LAB)
      - GSC 105 (LAB)
      - GSC 106

        - GSC 115
        - PHY 175 (LAB)
        - PHY 201 (LAB)
        - PHY 211 (LAB)
    - **Social and Behavioral Science (0-6 semester hours)**
        - **Anthropology**
            - SOC 115*
            - SOC 116*
        - **Economics**
            - ECO 211
            - ECO 212
        - **History**
            - HIS 131
            - HIS 132
            - HIS 155*
            - HIS 221
            - HIS 222
        - **Human Geography**
            - GEO 122*
        - **Political Science**
            - PSC 163
            - PSC 164
            - PSC 232
            - PSC 233*
            - PSC 251*
            - PSC 261
        - **Psychology**
            - PSY 103
            - PSY 200
            - PSY 214
            - PSY 215
        - **Sociology**
            - SOC 111
            - SOC 112
            - SOC 251
- **SVCC Degree Requirements (1 Semester Hour)**
    - **First Year Experience (1 semester hour)**
      (SVCC Requirement-This is not a General Education Core Curriculum IAI course and is not required by the State for degree completion.)

        - FYE 101
- **Major Field Requirements/Core Courses/Internship/Electives (36-52.5 Semester Hours)**
- **Total Credit Hours for Degree (Minimum of 60 Semester Hours)**

Major Field Course Work

Course work in the major field must satisfy the requirements of the specified curriculum in which the student is enrolled. See the appropriate program of the catalog for the required courses and number of credit hours that must be completed.

***Human Diversity**

While General Education Core Curriculum courses incorporate as much as possible throughout all of its courses, authors, sources, and topics that expose students to the realities of a culturally diverse world, several courses (marked with an asterisk) are designed specifically to recognize and engender respect and value for human diversity. Therefore, as a state mandate, one or more courses incorporating human diversity for the purpose of improving human relations throughout an educated citizenry should be completed as part of graduation from SVCC.

All students must satisfy graduation requirements. See Policies

Certificate Programs

Certificate Programs

Requirements

Certificate programs consist of a series of prescribed courses (in a specialized field) which prepare the student for entry level occupations. These programs range from 3 to 43 semester hours and are designed to be completed in less than two years. Certificate programs require few general education requirements and thus are designed to develop the technical competence of the student. Many certificate programs contain the core courses of the associate in applied science degree program in the same field, thereby allowing the student to continue with additional study and earn an A.A.S. degree.

Certificate students must satisfy graduation requirements. See Policies.

Internships / Practicums

In several areas of study, SVCC includes an internship (also referred to as a practicum) as an additional credit course. It is an academic opportunity to expand students' horizons into the career environment they are studying. An internship is a cooperative effort between a business or healthcare institution and the college that combines education and experience for students and is closely monitored by the student, SVCC faculty, and the employer. An internship allows students to gain up to three credit hours in a semester toward their Associate in Applied Science (AAS) degree or occupational certificate. The student commits to working the prescribed time in the internship position. Internships in the curriculum include:

- Accounting (ACC)
- Agriculture (AGR)
- Marketing and Management (BUS)
- Computer Information Systems (CIS)
- Criminal Justice (CJS)
- Early Childhood Education (ECE)
- Industrial/Technical (Multicraft Technology, Machining & CNC) (IND)

For more information about internship opportunities in a particular instructional area, contact the internship instructor or Sasha Logan, Dean of Business, Career and Technical Programs at 815/835-6334.

Educational Guarantees

Transfer Degree Guarantee

It is the policy of Sauk Valley Community College that students graduating with the associate in arts, associate in science, associate in engineering science, or associate in fine arts, be guaranteed the transferability of baccalaureate-oriented/university-parallel credit courses to public Illinois universities. Should such an appropriately approved course not transfer, the student will be offered a refund of the tuition paid for the non-transferring course credit, subject to the following conditions:

1. All coursework for the degree must have been completed at Sauk Valley Community College.
2. The student must have met with an academic advisor, declared a major for a specified public Illinois university to which the student will transfer, and completed an approved academic plan.
    1. Approved courses must have appeared as transferable on the course equivalency list from the university declared as the transfer university by the student at the time the student met with the academic advisor.
    2. The student must have followed the academic plan.
3. The student must have graduated within three years of having an academic plan approved.
4. The student must have transferred to the declared public Illinois university within one year after receiving the A.A., A.S., A.E.S., or A.F.A. degree from SVCC.
5. The student must have requested and received an evaluation by the transfer institution immediately upon transfer of the SVCC courses.
6. The student must have verified to SVCC in writing within 60 days after being notified by the transfer institution that a course had been refused for credit and made a claim for the refund at that time. The written statement must have stated: the reasons for the refusal by the institution; the name, position, address and telephone number of the official notifying the student of the refusal; and, a copy of the correspondence and/or documentation provided by the transfer institution of the non-acceptance of the course.
   NOTE: An institution may award fewer credits for the course than SVCC awards; the guarantee applies only when the transfer institution awards no credit.
7. The course must have been completed with a grade of "A," "B," or "C."
8. Any refund would be based upon tuition paid at the time the course was completed.
9. The student must cooperate with SVCC personnel in resolving any transfer difficulties by notifying SVCC and submitting any necessary consent or releases for student records and/or correspondence.
10. This policy does not guarantee that the letter grade earned at SVCC for the course will be considered by the transfer institution for determining the student's grade point average, honors, or other purposes, but only that the transfer institution will give at least elective course credit for some purpose. This program does not provide for the refund of tuition for any other course, any fees or any incidental or consequential expenses or claims whatsoever, but only the tuition for the course guaranteed for which course credit is not given by the transfer institution.
11. Students' rights under this program are personal and may not be assigned or transferred, voluntarily or involuntarily. Further, no refund is required or will be made if a scholarship, financial aid program, grant or other source was used to pay the tuition.
12. Claims against the Transfer Program Guarantee must be filed with the Dean of Student Services within the prescribed time limits as set forth above.
13. Sauk Valley Community College will first attempt to resolve the issue with the transfer institution. If favorable resolution is not achieved within 120 days, the reimbursement will be authorized. The sole recourse available to participants enrolled pursuant to this guarantee program shall be limited to the tuition reimbursement of the class at the time of enrollment, with no recourse for damages, court costs, or any associated costs of any kind or right to appeal beyond those specified by SVCC.

Additional Notes:

1. Developmental courses at the College are not included as a part of this guarantee.
2. Courses not awarded credit as a result of the student exceeding the maximum number of credits allowed in transfer are not included as a part of this guarantee.
3. This guarantee does not guarantee that the graduate will be admitted to a university; each university determines its own admission criteria.

Career Technical Education (CTE) Degree Guarantee

It is the policy of Sauk Valley Community College that students graduating with the associate in applied science degree or certificate requiring 20 hours or more in a career/technical program be guaranteed competency in the skills represented in the degree or certificate. Should the graduate not be able to demonstrate the skills expected by his or her employer, the student will be offered up to 12 credit hours of retraining for a degree or 6 credit hours of retraining for a certificate, tuition-free, subject to the following conditions:

1. All coursework for the degree or certificate must have been completed at the College and a grade of "C" or better earned.
2. The student must have completed the program within four years of initial enrollment at the College.
3. The student must have been employed full-time in a job directly related to his/her program of study within one year after graduation from the College's A.A.S. degree or certificate program.
4. The employer must verify in writing to the College administration within 90 days of the graduate's initial employment listing the specific skills in which the graduate lacks competency as represented by the degree or certificate information printed in the College catalog from which the graduate received the degree. Courses for which credit was granted by articulation are not subject to this policy. The college administration and faculty will investigate and determine if such deficiencies are evident.
5. A written retraining plan must be mutually developed by the employer, the graduate, the appropriate dean, and the career/occupational program teacher, specifying the courses needed for retraining and the competencies to be mastered. The retraining plan will not be successfully completed until the student has demonstrated that such competencies have been remediated.
6. The retraining will be limited to courses regularly offered by the College and must be completed within one calendar year from the time the educational plan is agreed upon. Should the student audit, withdraw, or not receive a passing grade in a course identified in the retraining plan, it will be included in the offer of credit hours.
7. Prerequisites and other admission requirements for retraining courses must be met and are not included in the courses covered by this guarantee.
8. Books, course fees, and supplies will be included within the guarantee. Other course costs are not included.
9. This guarantee does not imply that the graduate will pass any licensing or qualifying examination for a particular career or occupation.
10. Students' rights under this program are personal and may not be assigned or transferred voluntarily or involuntarily. Further, no refund is required or will be made.

11. Claims against the Occupational Program Guarantee must be filed with the appropriate College Administrator within the prescribed time limits as set forth above.
12. The sole recourse available to participants enrolled in this guarantee program shall be limited to tuition, books and supplies reimbursement for the retraining in the same class with no recourse for damages, court costs, or any associated costs of any kind or right to appeal beyond those specified by the College.

STUDENT SERVICES

Student Services Mission Statement

Sauk Valley Community College Student Services is committed to providing comprehensive programs and services in a supportive, caring, and challenging learning environment for the purpose of allowing its students the opportunity to take the initiative and responsibility for their total development including lifelong learning, professional, and personal goals.

Student Services Statement of Commitment

Student Services is student centered.

- We believe in the dignity, uniqueness, and growth of each individual and the fundamental right of each person to realize his or her fullest potential.
- Student Services is an integral part of the total learning experience at SVCC.
- We believe in providing friendly, accessible, and efficient services in an environment that is caring and confidential.
- We believe in an environment that nurtures our values: respect, responsibility, integrity, caring, and fairness.
- We believe in mentoring high standards for our students to model while assisting them in achieving academic excellence.

Student Services includes the following:

Area	Phone
*Dean of Student Services	815-835-6305
*Academic Advising Services	815-835-6354
*Admissions & Records	815-835-6273
Athletics/Fitness Center	815-835-6466
*Counseling	815-835-6204
*Disability Support	815-835-6220
*Financial Assistance	815-835-6339
*Student Activities/Cross Cultural Services	815-835-6432
Testing Center	815-835-6530
*TRIO Student Support Services	815-835-6268
*Veteran's Services	815-835-6315

*Located in the Student Services Center - first floor, West Mall svcc.edu/ssc

Admissions

Academic Records

A permanent cumulative record is kept on each student. This record shows for each term all credits attempted and earned, all grades earned, and term and cumulative grade point averages (GPA). Only transfer and career technical education courses will be included in the GPA. Grade reports at the end of each term indicating course work for the current semester, grades earned, and term and cumulative GPA may be viewed at Student Self-Service.

Entrance Policy

Sauk Valley Community College provides a wide range of learning opportunities to meet the various educational needs of students from diverse backgrounds. Sauk is an open enrollment institution and welcomes all who may benefit from its courses and programs of study.

The College has tailored its instruction to serve those with a high school diploma or its equivalent. In accordance with Federal regulation 34 C.F.R. §§600.4(a)(2), 600.5(a)(3), 600.6(a)(2) Sauk will admit as regular students only persons who have a high school diploma or its recognized equivalent, and/or are beyond the age of compulsory attendance in the State of Illinois. In accordance with Federal regulation 34 C.F.R. §668.16(p) Sauk will validate the validity of the institution issuing the diploma and/or transcript.

The College may, at its discretion, permit persons of high school age who meet established criteria and have permission from appropriate high school personnel, parents/guardians, and Sauk personnel to enroll at SVCC. (See Dual Credit/ Enrollment students.)

The College does not guarantee entrance into all courses or programs of study. Entrance into specific programs may depend on other criteria such as age, evidence of English/language arts and mathematics skills, and space availability. Students may be required to complete specified prerequisites prior to enrollment in certain courses or programs. Academic advisors are available to assist students in determining appropriate sequencing of courses for programs of study.

The College reserves the right to limit enrollment due to space or budget restrictions and to establish selective admission requirements, The College also reserves the right to give preference to residents of the District.

Baccalaureate Transfer Programs (A.A., A.S., A.E.S., and A.F.A.)

Illinois Public Act 86-0954 specifies that 15 units of high school coursework or the equivalent be required for admission to community college transfer programs. Students interested in transfer programs at SVCC should satisfactorily complete, while in high school, a college preparatory curriculum to include:

- Four years of English (emphasizing written and oral communications, and literature).
- Three years of mathematics (introductory through advanced algebra plus geometry --general/basic/technical mathematics and pre-algebra are not acceptable).
- Three years of social science (emphasizing history and government).
- Three years of science (laboratory sciences - general science is not acceptable).
- Additional courses: (two years of electives in foreign language, music, career/technical education, or art).

Specific college admission requirements vary from institution to institution.

Students who have not completed the above curriculum will satisfy these requirements by fulfilling the transfer degree requirements as outlined below:

English	Placement into ENG 101 or successful completion of ELA 099.
Mathematics	Placement into MAT 110, 115, 121, 240 or higher or successful completion of MAT 078, MAT 081 and/or MAT 076.
Social/Behavioral Science	Complete 3 credit hours of Social and Behavioral Science credit preferably in one of the following courses: HIS 221 or 222, or PSC 163.
Physical/Life Science	Complete 3 or more credit hours of Life or Physical Science in one of the following courses: BIO 103 or 104; CHE 102 or 103; GSC 105, 106 or 115, or PHY 175.

Physical/life Science courses, social/behavioral science courses, and mathematics courses (MAT 115 or higher excluding MAT 121) meeting program admission requirements will also count toward associate degree general education requirements.

Student Classifications

Class Standing

A first-year student (freshman) is one who has earned fewer than 30 semester hours including any semester hours accepted in transfer from other colleges or universities. A second-year student (sophomore) is one who has earned 30 or more semester hours including any semester hours accepted in transfer.

Full-Time

A full-time student is defined as one who is registered for 12 or more semester hours during a regular semester, or 6 or more semester hours during the summer semester. This definition applies only for academic purposes. Financial assistance full-time criteria may be different.

Student Load

The anticipated course load for a full-time student during the fall and spring semester is 16 semester hours. The full-time load during the summer semester is 6 semester hours. Course loads greater than 16 hours are recommended only for students who have a high school average of "B" or minimum College grade point average of 3.00 (on a 4.00 scale).

Students in most academic courses are expected to spend at least two hours of preparation for each hour of scheduled class time. Students who are working are cautioned to plan a course load that is in proportion to their workload. A suggested schedule for working students is as follows:

Work Load	Class Load
15 hours or less	15-17 credit hours
16-27 hours	12-14 credit hours
28-34 hours	9-11 credit hours
35-40 hours	3-6 credit hours

Students desiring to take 19 or more credit hours during a regular semester or more than 10 credit hours during the summer semester must have prior approval from the Dean of Student Services.

SVCC Identification Numbers

Sauk Valley Community College assigns a Sauk identification number to each student for administrative purposes. A Sauk identification number is issued after the student information form is processed by Admissions & Records. A message will be sent to the *personal email accounts* of new students with information about how to obtain their Sauk Identification Number.

Student Self-Service

The Student Self-Service is Sauk Valley Community College's online record system. Self-Service can be accessed anywhere an Internet connection is available by entering the username and password. Students can view personal information, grades, class schedule, billing information, financial aid information, and unofficial transcripts. With approval from an academic advisor, eligible students may use Self-Service to register for classes.

Registration

How to Enroll

1. New Students
   Contact Admissions & Records at 815-835-6273 for Enrollment Assistance
   (Planning to Complete a Degree or Certificate)
   1. Complete a Student Information Form. Submit a Student Information form to Admissions & Records. Forms are available at the College and on the College website svcc.edu/apply.
   2. Learn about SVCC Program/Class Information. SVCC offers many types of programs to assist students in reaching their goals. This includes career and transfer programs, and individual class enrollment.
   3. Satisfy Course Placement Requirements. Multiple placement options in English/language arts and mathematics are available for all students wishing to register for any English/language arts class, mathematics class, or any other college class requiring a specific ENG/ELA/MAT co-requisite or prerequisite. College staff will discuss required placement areas and options (i.e. ACT/SAT scores, SVCC placement test results, review of credit earned at the College level, review of high school transcript, GED score.)
   4. Submit Other Academic Records. Students should submit their official high school transcripts, GED scores, and college/university transcripts from institutions previously attended. Students submitting college transcripts should also file a Transcript Evaluation Request Form in Admissions & Records or on the College website. Official transcripts must be delivered through an authorized electronic method or in a sealed envelope from the previous institution.
   5. Learn About Tuition Costs & Payment Options. SVCC tuition is charged per credit hour based on residence. Course fees are assessed per credit hour based on the type of course. Students are encouraged to apply for financial assistance, scholarships, and/or veterans benefits as early as possible.
   6. Meet with an Academic Advisor. Students will need to meet with an academic advisor to discuss their career plans, placement options/results, and course/program requirements.
   7. Register for Classes. Students register for classes with Admissions & Records staff. Summer/Fall registration begins in April; Spring registration begins in November.
   8. Learn About Student Self-Service, Sauk E-mail & Other On-line Tools. Go to svcc.edu/login for assistance with accessing student accounts at SVCC.
   9. Pay Tuition & Fees. Students may pay by check, credit card, or apply for the deferred payment plan online at svcc.edu/login. Students who have applied for financial aid should contact Financial Assistance to confirm eligibility. Students may also pay by cash, check or credit card through the Business Office.
   10. Attend New Student Orientation.
   11. Buy Books & Supplies. Visit the SVCC Bookstore to buy textbooks, supplies and other important items.

New Students Registration Guidelines

In an effort to promote student success, students without previously earned college credit must be registered prior to the start of classes. Please contact 815-835-6273 for specific dates/times and registration options.

1. Returning Students
   After a two-year separation from the College (non-enrollment), a Student Information form needs to be submitted at svcc.edu/apply to update personal information, enrollment term/plan, and intended program of study.
   1. Meet with an Admissions & Records staff.
   2. Meet with an Academic Advisor. Students will need to meet with an academic advisor to discuss their career plans, placement results, and course/program requirements prior to enrolling.
   3. Register for Classes. Students register for classes with Admissions & Records staff. Summer/Fall registration begins in April; Spring registration begins in November.
   4. Pay Tuition & Fees. Students may pay by check, credit card, or apply for the deferred payment plan online at svcc.edu/login. Students who have applied for financial aid should contact Financial Assistance to confirm eligibility. Students may also pay by cash, check or credit card through the Business Office.
2. Continuing Students:
   1. Choose one of the following registration options (a-c)
      1. Academic Advisor Pre-Approval: Students should schedule an appointment with an academic advisor before registration begins to plan courses for the upcoming semester.
      2. Academic Advisor Approval: Students meet with an academic advisor during the registration period to discuss recommended coursework and gain approval to register.
      3. Self-Registration: Students who have met registration guidelines can register online or on campus. Visit svcc.edu/login for registration guidelines.
   2. Pay Tuition and Fees. Students may pay by check, credit card, or apply for the deferred payment plan online at svcc.edu/login. Students who have applied for financial aid should contact Financial Assistance to confirm eligibility. Students may also pay by cash, check or credit card through the Business Office.
3. Students Enrolling for Personal Interest, Professional Development, or Student-at-Large
   (Not planning to complete a degree or certificate)
   1. Submit a Student Information Form to Admissions & Records at svcc.edu/apply.
   2. Course Placement/Academic Advising: Students wishing to register for any English/language arts course, math course, or any other college course requiring a specific co-requisite or prerequisite, must satisfy course placement requirements and meet with an academic advisor for approval.
   3. Register for Classes: Students can register on campus through Admissions & Records or online (Student Self-Service), if eligible.
   4. Pay Tuition and Fees through the Business Office or online at svcc.edu/login. Students may pay by cash, check, credit card, or apply for the deferred payment plan.

Dual Credit / Enrollment Students

Sauk Valley Community College offers academic, career, and technical education courses to qualified high school students. The Dual Credit program provides the opportunity for high school students to jump start their college education by enrolling in college level courses while in high school.

Dual Credit - Students are concurrently enrolled in high school and college while taking some college classes for *high school and college credit.*

Dual Enrollment - Students are concurrently enrolled in high school and college while taking some college classes for *college credit only*.

To take advantage of this opportunity, students must have permission from appropriate high school personnel, parents/guardians, and SVCC personnel. Students requesting to participate in SVCC's Dual Credit/Enrollment program must satisfy course prerequisites and/or the College's placement policies.

High school students interested in Dual Credit Enrollment must:

1. Meet with a high school counselor to discuss the course options for Dual Credit.
2. Submit the following:
   - A Student Information Form. Complete at svcc.edu/apply
   - Dual Credit Student Registration Form - Complete at svcc.edu/dual-credit
   - A current copy of high school transcripts
   - An official copy of appropriate placement results

Contact either a high school counselor or SVCC Dual Credit staff at 815-835-6297, for more information.

International Students

Contact the International Student Advisor at 815-835-6390 for more information.

Pursuant to applicable regulations [8CFR 214.2(f)] Sauk Valley Community College has been authorized to enroll non-immigrant international students into approved programs of study.

International students are defined as any individual admitted to the United States on an F-1 student visa and/or student issued the Student and Exchange Visitor Information System (S.E.V.I.S.) Certificate of Non-immigrant Eligibility (Form I-20).

International students attending Sauk Valley Community College on F-1 visas are required to comply with local, state, and federal laws and regulations, as well as all policies guiding student conduct, academic standards, and other policies described in Sauk Valley Community College's academic catalog.

International Student Process for Form 1-20 Issuance:

1. International applicants are required to have completed the equivalent of a high school education;
2. English language testing: International applicants are required to have achieved a minimum score on the Test of English as a Foreign Language (TOEFL). Minimum scores are as follows: 61 on the Internet based test, 173 on the computer-based test, or 500 on the paper based test;
3. Provide a photocopy of the student's passport or birth certificate in order to validate date of birth and citizenship;
4. Submit a completed Student Information Form;
5. Provide official transcripts from all secondary and post-secondary institutions attended. A foreign credential evaluation from a NACES member institution is required for credit evaluation;
6. Provide evidence of adequate financial support to include a financial sponsor affidavit and bank statement or official bank letter that is dated within 6 months of the application for admission;
7. Meet all requirements for admission into the United States set forth by United States Customs and Immigration Services (U.S.C.I.S.);
8. Comply with all other requirements established by Admissions & Records and the Sauk Valley Community College academic catalog.

Online Course Enrollment Limitations

No more than three credits of online courses may be applied toward the full-time enrollment of international students.

Course Load Requirements

International students are required to carry a full-time course load of a minimum of twelve credit hours in the fall and spring semesters, unless authorized to drop below a full-time course load by a Designated School Official (D.S.O.).

International Student Orientation Program

All International students enrolled at Sauk Valley Community College are required to attend a yearly international student orientation conducted by the institution's Designated School Officials.

Transfer

Currently enrolled international students wishing to transfer to another Student Exchange Visitor Program (S.E.V.P.) approved institution should provide his or her D.S.O. with a letter of full admission to that institution, as well as the date upon which the student is requesting transfer of his or her Student and Exchange Visitor Information System (S.E.V.I.S.) record. Students wishing to transfer to Sauk Valley Community College from another S.E.V.P. certified institution will be required to meet all admissions requirements outlined in the international student admissions process, in addition to submitting a copy of Form I-20 issued by the student's current institution verifying valid F-1 status, copy of student visa, and copy of I-94 arrival/departure record in order to be considered for admission.

Concurrent Enrollment

International students in valid F-1 status in attendance at other S.E.V.P. certified institutions may enroll as guest students over the summer term at Sauk Valley Community College. A copy of the student's Form I-20 and verification of valid F-1 status at the student's home institution are required prior to registration.

Immigration Policy Compliance

All international students attending Sauk Valley Community College are responsible for understanding and following the rules associated with maintaining their visa statuses, and for compliance with all federal immigration regulations. SVCC's Designated School Officials (D.S.O.s) are responsible for ensuring institutional compliance with the regulations of the United States Customs and Immigration Services (U.S.C.I.S.). D.S.O.s monitor compliance with regulations and report as appropriate through the Student and Exchange Visitor Information System (S.E.V.I.S.). Designated School Officials are available to assist students in their understanding of, and compliance with, regulatory requirements, as well as with cultural adjustment issues. International students seeking information related to full-time course enrollment requirements, valid passport and Form I-20 requirements, procedures for transfer, practical training, successful academic progress standards, tax filing requirements, travel outside of the United States, and who are considering or have questions about employment of any type should consult a D.S.O. In addition, students are encouraged to consult a D.S.O. if they are experiencing academic challenges, are considering dropping classes or taking time off from school, are experiencing issues with cultural adjustment, or have any other concerns related to studying in a host culture or complying with federal regulations.

Support Services for International Students

International students may access the same student success and support services offered to U.S. citizens at Sauk Valley Community College's campus, including, but not limited to, advising and support services, academic support, student activities, disability support services, and athletics. D.S.O.s also provide services designed to assist with the acculturation process, compliance with immigration regulations, and other unique needs of international students.

Cultural Support Services

SVCC recognizes that there are challenges as well as opportunities inherent in living and studying abroad. Designated School Officials are available to assist with cultural adjustment issues, community and campus integration, as well as to provide practical information, such as processes for obtaining driver's licenses and social security cards.

Veteran Students

Pursuant to Illinois Public Act 098-0316, Sauk Valley Community College will offer service members and veterans the earliest possible enrollment opportunity offered by the college, (advance registration).

In order to qualify for this Advance Registration opportunity, the student must not be on hold for any debt owed to Sauk Valley Community College, must be a resident of Illinois and must either be:

1. A current service member-a member of any component of the U.S. Armed Forces, including any reserve component, or the National Guard of any state, who is eligible to receive military education benefits (as verified by the Veterans Services Advisor) or
2. A veteran-a previous service member who has received an honorable discharge, a general discharge or an other than honorable discharge (as verified by the Veterans Services Advisor).

Service Members and Veteran students do not have to be using Veterans Educational Benefits at Sauk Valley Community College to qualify but must provide the Veterans Services Advisor the necessary documentation to show that they meet either (1) or (2) above. This may include the Member 4 copy of their DD214, a copy of a current Certificate of Eligibility for educational benefits from the Department of Veteran Affairs or other appropriate documentation.

In accordance with H.R. 3230, the Veterans Access, Choice and Accountability Act of 2014, Sauk Valley Community College will bill student Veterans and qualifying dependents at a rate not to exceed the current in-district rate. For these purposes, SVCC defines-

A student Veteran as:

- A student who has served on active duty, for purposes other than training, for at least 90 days who has an other than "Dishonorable" discharge;
- A student who has served on active duty for at least 30 days and was discharged for a service-connected disability or
- A student who is currently serving on active duty, regardless of length of service

A qualifying dependent as:

- The child of a service member who died in the line of duty serving on active duty on or after September 11, 2001 or
- The recipient of transferred Post 9/11 G.I. Bill benefits.

The student **must** self-identify and indicate that they are a veteran who meets the requirements of this policy by providing the Veterans Services office a copy of their DD214, Member 4 (if a student Veteran) or proof that they are a qualifying dependent (including, but not limited to, documentation from the Department of Veterans Affairs). If the student meets these requirements, a waiver will be applied to their account for the difference between their actual tuition and the in-district tuition. Tuition charges billed to the student, the VA and/or the State of Illinois will reflect the appropriate in-district tuition for reporting purposes.

See Veteran Benefits under Financial Assistance.

Call to Active Duty

Sauk Valley Community College is committed to offering our military veteran students several enrollment options if the student is called to (non-voluntary) active military duty while participating in courses during an ongoing semester. Option 1 is for the student to request an early completion of the course and to have a grade assigned. This option should be in consultation with the instructor and be based on a reasonably expedient completion of the course. Option 2 is for the student to be fully withdrawn from all courses with no grade assigned and no assessment of tuition or fees for the enrolled courses. The student must provide to Admissions & Records a copy of the military orders clearly identifying the dates of active duty. The date of activation must occur within the semester of the course participation. Option 3 is for the student to request an extension of time to complete the current coursework under the normal guidelines of the college. This option requires a completed "Incomplete Grade" contract identifying a plan and deadline for completion of the course. Option 4 is for the student to request an extension of time to complete the current coursework. This option requires the student to supply the above-mentioned activity duty military orders and a completed "Incomplete Grade" contract identifying a plan and deadline for completion of the course. If the military veteran student does not complete the course within the timeline a grade of "W" will be assigned for the course. Once an option is selected by the called to duty military veteran student it is considered final and may not be changed.

Veteran Affairs (VA) Pending Payment Compliance

In accordance with Title 38 US Code 3679(c), Sauk Valley Community College adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post-9/11 G.I. Bill® (Ch.33) or Vocational Rehabilitation & Employment (Ch. 31) benefits, while payment to the institution is pending from VA.

SVCC will not:

- Prevent the student's enrollment.
- Assess a late penalty fee to the student.
- Require the student to secure alternative or additional funding.
- Deny the student access to any resource (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such student may be required to:

- Produce the VA Certification of Eligibility (COE) by the first day of class.
- Provide a written request to be certified.
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Registration Change Period

During the first two weeks of the fall and spring semesters, students may make changes in their class schedule. *During the first week of the semester, students may add and drop classes without prior written consent from the instructor. During the second week of the semester, students must receive written consent from the instructor to add classes; during this period the students can drop classes without instructor consent. Eligible students may change their schedule via svcc.edu/login during the 100% refund period (as published in the Academic calendar). To drop a class, students may submit an online DROP form at svcc.edu/admissions. To add a class, new students meet with an academic advisor for guidelines and requirements. After the 100% refund period, all students must meet with an academic advisor to add classes.

*The length of the Registration Change period for the summer semester or a shorter session is prorated (contact Admissions & Records for specific dates). Full tuition will be charged for any course added after the designated Registration Change period. Reinstate fees are nonrefundable.

Students who receive financial assistance or veteran benefits should consult Financial Assistance before dropping or adding courses.

Fines and Financial Obligations

Students who have financial obligations to the College may not register for the next semester or obtain a release of transcripts until the financial obligations have been met. Contact 815-835-6267 for more information.

First Year Experience

First Year Experience (FYE 101) is a one-credit hour course designed to facilitate the self-development of the student and introduce students to the expectations of the college community.

FYE 101 is a Sauk graduation requirement and is required of degree-seeking students their first semester.

Orientation (new students to Sauk)

Sauk Valley Community College is committed to providing students with effective support systems to facilitate their success and empower their learning. All students new to Sauk Valley Community College whether on campus or online are required to participate in a New Student Orientation that connects students to valuable resources, tools, and critical campus services prior to their first semester. Students will be assigned to New Student Orientation at the time of registration. Contact the Director of Enrollment Services/Registrar for more information (815) 835-6378.

Semester Class Schedules

The class schedules for the upcoming semester will be available on Monday following midterm of the previous semester. The schedule can be found on the College website, svcc.edu/schedule or through Student Self-Service at svcc.edu/login.

Student E-mail Accounts

Students registered for classes at Sauk Valley Community College will be provided an SVCC email account. All official email correspondence from SVCC will go to the SVCC email address.

Student Photo ID Cards

Student photo ID cards are available at the Student Services Center and are valid for the current academic year. New ID cards may be reissued each academic year. Replacement cards are available for a fee.

Records

Student Records and Confidentiality (FERPA)

The College policy on student records complies with the "Family Educational Rights and Privacy Act (FERPA)." This Act is designed to protect the privacy of educational records, establish the rights of students to inspect and review their educational records, and provide guidelines for correction of incorrect or misleading data through formal and informal hearings. More specifically, FERPA affords students the following right to:

1. To inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the registrar, Director of Enrollment Management/Registrar, or the Vice President of Academics & Student Services written requests that identify the record(s) they wish to inspect. Student's educational records which may be requested to review are: 1) official college transcript, and 2) official student files maintained by Admissions and Records. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed. The College is not required to provide copies of the records unless it is impossible for the eligible student to review the original records (e.g., student resides an unreasonable distance away from the College to travel).
2. To request the amendment of the student's education records that the student believes is inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. To consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. No one outside of the College shall have access to nor will the College disclose any information about student educational records without the written consent of the student. Written consent forms can be obtained at the Student Services Center. Exceptions are:

- School officials demonstrating a legitimate educational interest
- Schools in which a student seeks or intends to enroll
- Federal, State, and local authorities involved in auditing or evaluating compliance with education programs in connection with financial aid
- Organizations conducting studies for or on behalf of educational institutions
- Accrediting organizations
- Parent/Legal Guardian of an eligible student

- Compliance with a judicial order or subpoena (the College must make a reasonable effort to notify the student in advance of compliance)
- Health or safety emergencies
- Results of a disciplinary hearing to an alleged victim of a crime of violence
- Certain agencies such as the U.S. Attorney General's Office, Secretary of Education, and state education agencies
- Mandated reporting in accordance with the Clery Act

4. To file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. Information for filing a complaint with the U.S. Department of Education can be found at:

https://studentprivacy.ed.gov/file-a-complaint

https://studentprivacy.ed.gov/ferpa (general)

No one outside of the College shall have access to nor will the College disclose any information about student educational records without the written consent of the student. Written consent forms can be obtained at the Student Services Center. Exceptions are:

- School officials demonstrating a legitimate educational interest
- Schools in which a student seeks or intends to enroll
- Federal, State, and local authorities involved in auditing or evaluating compliance with education programs in connection with financial aid
- Organizations conducting studies for or on behalf of educational institutions
- Accrediting organizations
- Parent/Legal Guardian of a dependent student, as defined by the IRS
- Compliance with a judicial order or subpoena (the College must make a reasonable effort to notify the student in advance of compliance)
- Health or safety emergencies
- Results of a disciplinary hearing to an alleged victim of a crime of violence
- Certain agencies such as the U.S. Attorney General's Office, Secretary of Education, and state education agencies
- Mandated reporting in accordance with the Clery Act

The following information is designated by the College as public or "Directory Information" and may be released for any purpose at the discretion of the College.

- Name
- Address
- Telephone number
- Full-time/Part-time status
- Major field of study
- Dates of enrollment
- Degrees and awards received
- Photographs
- Most recent educational institution attended
- Participation in recognized activities and sports
- Weight and height of members of athletic teams

Currently enrolled students may request to withhold Directory Information by submitting to Admissions & Records a "Request to Prevent Disclosure of Directory Information" form. A copy of the Act or questions concerning the Family Educational Rights and Privacy Act may be referred to the Registrar at 815-835-6378.

Images of Unnamed Students

Students may appear occasionally in photographs and/or videotapes taken by College staff, other students, or individuals authorized by the Marketing Department. The College may use these images **without identifying students** in various media, including print (view books, catalogs, brochures, and other publications), television, website, and other forms that market SVCC and its programs. No consent or notice is needed nor will be given before the College uses any images of **unnamed students** taken while at SVCC or SVCC-related activity. It is the student's responsibility to decline any photo opportunities.

Degree or Enrollment Verification

Sauk Valley Community College has authorized the National Student Clearinghouse to provide degree and enrollment verification. Individuals may print an enrollment certificate from the National Student Clearinghouse by logging into SOAR at svcc.edu/login

Student Transcripts

Unofficial transcripts of a student's complete academic record may be obtained through the student's Self-Service account at student.svcc.edu

Official transcripts may be requested through Admissions & Records or through the National Student Clearinghouse, via Student Self-Service. Transcript requests not made through the National Student Clearinghouse require a signed, written consent by the student and cannot be sent electronically. A fee will be assessed for all official transcripts. SVCC has the ability to both accept and send transcripts electronically.

Transfer Credit Evaluation

SVCC will accept credits earned at other Department of Education regionally accredited institutions. Official transcripts **MUST** be submitted through an authorized electronic method or in a sealed envelope from the college/university. Students submitting college transcripts should also file a **Transcript Evaluation Request Form** in Admissions & Records or on the College website at www.svcc.edu. Upon complete evaluation, students will be notified of course articulation. For additional information, contact the Records Analyst at (815) 835-6327.

Tuition

Payment of Tuition and Fees

Students may pay tuition by check, credit card, or deferred payment plan online at svcc.edu/pay. Students who have applied for financial aid should contact Financial Assistance to confirm eligibility. Students whose tuition is being paid by an outside agency, employer, or a 529 plan should notify the Business Office to follow up on payment arrangements. Students may also pay by cash, check or credit card through the Business Office. Drop boxes are available and are located on the wall by Student Services and by the Business Office.

Reinstate Fee: If a student is dropped by the College for non-payment, a non-refundable reinstate fee will be charged to the student's account,

Non-refundable Fee: A $30 non-refundable return payment fee will be charged if a payment is returned.

Senior Citizen Tuition Pass

SVCC, in accordance with Illinois Statute 110 ILCS 990, permits senior citizens 65 years or older to enroll tuition free in regularly scheduled credit courses provided that classroom space exists and tuition paying students enrolled constitute the minimum number required for the course. Senior citizens must pay any fees associated with the courses.

Petition for Tuition Refund

In keeping with SVCC Board of Trustees Policy 602.01 "Student Admission, Retention, and Academic Standing," Sauk Valley Community College will consider a petition for tuition refund when the student files a request claiming that the student was unable to complete the semester due to circumstances determined by the college to be exceptional and beyond the control of the student. Only acceptable reasons for a refund: death of the student, parent, child or dependent, sibling, or spouse during the current semester; illness/injury of a student or dependent of such severity or duration as to preclude successful completion of course(s) during the semester; financial hardship; involuntary call to military duty.*

Students have until finals week of the class to file the Petition for Tuition Refund. After finals week, no petition will be accepted. Students eligible for withdrawal may or may not be entitled to a refund. Reinstate fees are nonrefundable.

Circumstances NOT constituting valid reasons for a tuition refund include but are not limited to: death of extended family or friend; change of work schedule; moving out of area; issues involving method of instruction; course content dissatisfaction; dissatisfaction of course grade; or dissatisfaction with instructor.

***Refunds are granted in accordance with college policy and state regulations.**

Contact the Dean of Student Services for details and forms at 815-835-6305.

Financial Assistance

SVCC provides more than six million dollars in financial assistance annually. The financial assistance programs at SVCC consist of scholarships, grants, student loans, veterans' assistance programs, and student employment opportunities. Detailed information is available at Financial Assistance.

Eligibility for student financial assistance programs varies depending on the individual program. In general, a student must meet the following criteria to be eligible for student financial assistance programs:

1. Be a citizen or eligible non-citizen of the United States;
2. Be enrolled in a program leading to a degree or certificate; and
   **Not all certificates are eligible for financial assistance. Contact Financial Assistance if you are unsure if your program is eligible.*
3. Maintain Satisfactory Academic Progress towards that degree.
4. Have earned a high school diploma or general education degree (GED).

The Student Financial Assistance Programs

Federal Programs

- Pell Grants (PELL)*
- Supplemental Educational Opportunity Grants (SEOG)*
- Work-Study (FWS)*
- Student Loans*

Veteran's Educational Benefits offered by Department of Veteran Affairs

- Chapter 30 (Montgomery GI Bill®-Active Duty)
- Chapter 31 (Veterans Vocational Rehabilitation)
- Chapter 33 (Post-9/11 GI Bill®)
- Chapter 35 (Survivors' and Dependents' Educational Assistance Program)
- Chapter 1606 (Montgomery GI Bill®-Selected Reserve)

State Programs

- Monetary Award Program (MAP)*
- Illinois National Guard Grant (ING)
- Illinois Veterans Grant (IVG)
- Illinois MIA/POW Grant (MIA/POW)

Campus-Based Programs

- Sauk Valley Community College Foundation Scholarships*
- Sauk Valley Community College Sauk Scholar Awards*

*To be eligible for these programs, students must complete the Free Application for Federal Student Aid (FAFSA). FAFSA on the Web Worksheets are available at Financial Assistance or students may apply on the Internet at FAFSA

Internal Revenue Service Tax Credit

The HOPE Credit and LIFETIME LEARNING CREDIT are tax credits through the Internal Revenue Service. The eligibility requirements vary for these credits. To determine eligibility visit www.irs.gov

Satisfactory Academic Progress Policy

The purpose of Sauk Valley Community College's policy on "Satisfactory Academic Progress" is to ensure that all students meet the federal, state, and local financial aid/veterans' benefits program requirements for eligibility. (Title 34, Section 668.34 Federal Regulations, July 1, 2011). This policy is published by the Director of Financial Assistance in compliance with federal regulations and is reviewed once a year. This policy may be viewed on the SVCC web site. All students are e-mailed a copy at the time their financial assistance is completed for each year of attendance.

Satisfactory Academic Progress (SAP) at SVCC is evaluated by the Director of Financial Assistance at the end of each academic semester and at the time benefits are awarded. Admissions & Records posts grades at the end of each semester. Financial Assistance uses an electronic program to access grades to determine the students' current standing. The student's file is documented, and if required, the student is notified of a failure to meet the Standard of Progress via e-mail to their student e-mail account. The student will be notified of either Financial Assistance Warning 1 or 2 and the requirements for reinstatement. The SAP policy consists of a completion requirement (Quantitative Standard), a maximum time frame requirement (Quantitative Standard), and grade point average requirement (Qualitative Standard). This policy supersedes all previous policies.

Completion Requirement - (Quantitative Standard)

SVCC students must complete at least 67% of their hours attempted each semester and cumulatively. A student who fails to complete 67% of their hours attempted during either the semester or cumulatively will be placed on Financial Aid Warning 1 for the next semester they attend. They will be notified by e-mail of the requirements to reinstate themselves to the SAP. If the student fails to complete at least 33% of the attempted hours in either the semester or cumulatively, the student is placed on Financial Aid Warning 2. The student will be notified of the loss of financial aid and what is required for reinstatement. A students' completion requirement is calculated by dividing the cumulative number of hours the student has completed by the cumulative number of hours the student has attempted. Below 100 level courses (remedial/developmental courses), transfer credit, and pass/fail courses count in the attempted hours.

Maximum Time-Frame Requirement - (Quantitative Standard)s'

NOTE: The maximum time frame requirement is a Title IV requirement only. This rule does not apply to veterans' benefits.

The maximum time frame a student has to complete their degree is equal to 150% of the credit hours required for the completion of the degree or certificate. All attempted hours are counted for all terms, including part time, even those for which the student did not receive financial aid, as well as those usually waived under academic amnesty policies. Students will be placed on Financial Aid Warning 1 when they have attempted 125% of the maximum hours required for their program (calculated as program length x 1.25). Student will be placed on Financial Aid Warning 2 when they have attempted 150% of the maximum hours required for their program. As a general rule, the associate degree has a maximum of 96 hours attempted. In this instance, the student would be placed on Financial Aid Warning 1 when his/her attempted hours exceed 80 hours. This student would be placed on Financial Aid Warning 2 after attempting 96 hours. Hours transferred to SVCC from previous institutions are included in this requirement.

Hours attempted include all financial aid-eligible courses. For the purposes of this policy, completion is defined as grades of A,B,C,D,G,P or Q. Hours attempted with grades of F,W, or I are not considered successfully completed grades.

Grade Point Average Attempted Requirement (Qualitative Standard)

GPA Hours Attempted	0 - 1.49	1.5 - 1.74	1.75 - 1.99	2.0 - 4.0
0 - 11	Warning 1	Warning 1	Warning 1	Good
12 - 29	Warning 2	Warning 2	Warning 1	Good
30 - 60+	Warning 2	Warning 2	Warning 2	Good

Only grades and classes attempted/earned at SVCC are counted in this requirement. Grades are calculated for all eligible courses, including repeated courses. Below 100 level courses (remedial/developmental courses) and pass/fail, are used in calculating the GPA. The Grade Point Average Requirement evaluates the student's entire academic career at SVCC. The minimum requirement at SVCC for a student in his or her second academic year is a "C" average or standing consistent with graduation.

Degree Completion Requirements

Once a student has completed all coursework for their degree or certificate and has not received their degree or certificate because they have not filed an intent to graduate, student will not receive further financial assistance for that program. A student seeking a second associate degree or certificate, who has not exceeded the maximum time frame requirement, will still have their hours from the first degree counted in their total hours attempted. For example, a student who completed an Associate in Arts Degree while attempting 70 hours at SVCC would start out with those same 70 hours attempted before taking a single class towards their second degree. This student would therefore be placed on Financial Aid Warning 1 after completing his/her first semester back as a full-time student.

Non-Punitive Grades (Withdrawals), Repeated Courses, Audited Courses, Pass/Fail Courses, Remedial/Developmental, ESL, and Incompletes

Once grades are posted by Admissions and Records, Financial Assistance uses an electronic program to identify non-punitive grades (withdrawals), repeat courses, audited courses, pass/fail courses, and incompletes. For the purpose of the SAP Policy, non-punitive grades (withdrawals) and incompletes (I's) are considered incomplete courses. Audited courses are not financial aid eligible. If an incomplete course for the semester is completed prior to the start of the next semester, the incomplete will be removed, and the SAP adjusted with the new grade. Pass/fail courses that receive any grade other than a "P" are considered incomplete.

The maximum number of remedial/developmental and ESL hours a student can attempt is 30 credit hours. The student will be notified in their student e-mail account that they have reached 80% of the 30 credit hours at the time that SAP is completed at the end of each semester. The SAP letter with Financial Aid Warning will be sent to the student stating that they have reached 80% of the allowable 30 credit hours of remedial/developmental and ESL hours.

A course previously completed with a passing grade may be repeated one time for proficiency as required for updating of their educational program. The repeats will be counted as attempted classes for your completion requirement and both grades will be calculated for your GPA requirement.

Financial Aid Warning 1

A student will be placed on Financial Aid Warning 1 for one semester. The student's electronic file will be annotated with Financial Aid Warning 1 for the next semester. If the student fails to meet good standing in their next semester of attendance, he/she is automatically placed on Financial Aid Warning 2. Financial Aid Warning 1 will not stop any funds from being placed on the student's account with the exception of direct loans.

Note: Students who are on Financial Aid Warning 1 may receive additional semesters if they are on Financial Aid Warning 1 for exceeding 125% of the cumulative hours attempted and still have not exceeded 150% of the hours required for the degree/certificates. If you have more than one semester exceeding 125%, but less than 150%, the letter that you will receive will have your current status as Second Alert. This status indicates that you are eligible for financial assistance.

Financial Aid Warning 2

A student is ineligible for any type of educational benefits while on Financial Aid Warning 2. The student's electronic file will be annotated with Financial Aid Warning 2. This will prevent all financial aid funds from being placed on the student's account. The student may appeal the Satisfactory Academic Progress Financial Aid Warning 2 status (see student appeals).

Financial Aid Appeals

A student may submit an appeal for their Financial Aid Warning 2 once a semester. An appeal may be submitted by:

- Completing an Appeal Form. This form may be obtained at the SVCC web site or at Financial Assistance. This form instructs the students of the required information needed for the appeal process.
- A letter may be written, dated, and signed to the Director of Financial Assistance and include all required information.

All appeals should include student's identification number, a narrative explaining why the student failed to meet the Satisfactory Academic Progress Policy requirements, a description of what has changed and what the student will do to ensure he/she will regain good standing, and any other relevant supporting documentation.

Supporting documentation may include:

- Newspaper obituaries or death certificates to substantiate deaths.
- Physician's written statement to substantiate illness or accident.
- Written statement from clergy, family member, or other third party who knows the student's situation.
- Written statement from academic advisor or professor.

Appeals may be submitted via postal mail, in person to Financial Assistance or via e-mail to fa@svcc.edu All appeals will be scanned and tracked in the student's file and forwarded to the Director of Financial Assistance for review. The Director of Financial Assistance will notify student of the results from their appeal through their SVCC e-mail within 3 business days.

If the student, at the time the award is offered, fails to appeal the SAP policy by the deadline stated in the Financial Aid Warning 2 letter, financial aid will not be applied to the student's account. If Financial Aid Warning 2 letter was sent out at completion of semester, and the student fails to meet deadline, all financial aid will be removed. This includes all financial aid holds placed on registration.

Note: Any appeal received without proper documentation or documentation submitted without an appeal will be returned to the student unprocessed and/or student will be notified via telephone calls or e-mail for further documentation.

If the appeal is granted, the student will be placed on Financial Aid Probation, their file will be electronically annotated, and the student will be sent an e-mail to advise them of the condition of their reinstatement to probationary status. The student status will be reviewed after each semester. The goal is that the student will complete all reinstatement requirements and regain good standing within the following semester. If the student does not regain good standing and/or fails to complete all reinstatement requirements within the next semester, the Director of Financial Assistance has the discretion to place the student on Financial Aid Warning 2 again and deny all financial assistance for the next semester.

The appeal may be conditionally granted. An Academic Planning Worksheet may be required on a case-by-case basis by the Director of Financial Assistance and the number of credit hours a student may attend may be specified. The student will be required to make an appointment with Academic Advising to develop an Academic Planning Worksheet for their degree program if a current Academic Planning Worksheet is not on file. If the student is reinstated in a probationary status, it is the student's responsibility to follow his or her Academic Planning Worksheet. The intent of the Academic Planning Worksheet is to assist the student in obtaining SAP standards by a specific point in time. Financial Assistance will verify that the student is following the Academic Planning Worksheet at the end of each semester at the same time that SAP is completed. If the student fails to follow the Academic Planning Worksheet, all future financial assistance will be denied.

A student may change his/her degree program if approved by the Director of Financial Assistance. This may only be accomplished in person by making an appointment to see the Director of Financial Assistance.

Regaining Lost Eligibility

If the initial written appeal is denied, the student may appeal by making an appointment with the Director of Financial Assistance. All appeals made in person with the Director of Financial Assistance are final. The student may regain eligibility on his or her own. This may be required if the student has lost eligibility due to SAP. The student may attend SVCC without financial assistance. If the student completes a following term with at least three credit hours achieving "C" grades or better on all classes for that semester, the Director of Financial Assistance will review an appeal at the end of a successful semester from the student. The student will be required to have a current Academic Planning Worksheet at the time of appeal and will be required to follow the guidelines for reinstatement if approved.

The Director of Financial Assistance will review an appeal from a student who has not attended college for several years who is in denial. Depending on circumstances, a student who has had more than one semester of failing to meet the SAP policy will also be required to have a current Academic Planning Worksheet.

SVCC Academic Policy Versus Financial Aid SAP

The SVCC Academic Policy and the Financial Aid SAP are two different policies. If a student is in Suspension or Academic Dismissal as a result of failing to complete the requirements of the SVCC Academic Policy, they must follow the reinstatement guidelines in the SVCC catalog. A reinstatement under the SVCC Academic Policy is not a reinstatement to Financial Aid SAP. The Financial Aid SAP is equal to and/or stricter than the SVCC Academic Policy. A student who fails to meet the requirements of both policies must complete appeals for Academic and Financial Aid policies.

Continued Enrollment

A student may be allowed to enroll in classes at SVCC even though he/she is on Financial Aid Warning 2 and has lost all financial assistance. This would necessitate that the student make arrangements with the Business Office for payment of all charges.

Note: Satisfactory Academic Progress is a Financial Assistance Policy, not a registration or admissions policy. If a student is on Financial Aid Warning 2 status, and all financial assistance has been denied, he/she will not be automatically dropped from his/her classes. It is the student's responsibility to withdraw from all classes, if they choose not to attend.

Federal Return of Funds Calculation

The purpose of the Return of Title IV Funds is to ensure that SVCC students who receive federal, state, and local financial assistance understand the requirements of the Higher Education Act of 1998, CFR 668.22. Under this regulation, an SVCC student who stops attending or withdraws completely from classes within a semester may receive Title IV financial aid equal to the percentage of the payment period or enrollment period completed. Completion of a module course (less than full-term course) does not prevent a student from being subject to the Return of Title IV calculation. Title IV financial aid includes Federal PELL Grants, Federal Supplemental Educational Opportunity Grants (SEOG), and unsubsidized and subsidized Federal Stafford Loans.

For example, a student completes 37 days of classes in a fall semester consisting of 123 days. The regulation requires that the student is eligible to receive only the Title IV financial aid earned, or 37 days only. By dividing the number of days attended by the total number of days in the semester, the student has earned 30% of the awarded Title IV financial assistance.

This means a student who withdraws or stops attending classes early in the semester may incur unexpected costs caused by possible overpayment of financial assistance tuition and fee charges. Any portion of the debt incurred that has not been paid within 45 days of notification will be turned in to the U.S. Department of Education - Borrower Services Collection Agency. The student will no longer be eligible to receive financial aid until the debt is paid in full.

Note: This policy is a Title IV financial aid policy only and does not replace the official Tuition Refund policy of Sauk Valley Community College.

All financial assistance policies are subject to change and revision. For the most up-to-date policies and procedures, including the student loan code of conduct, refer to the web site at svcc.edu/students/finaid/policies.

Academic Advising Services

Academic advisors are committed to providing quality services and programs in conjunction with students, faculty/staff, and the community. Academic advisors are dedicated to facilitating success in the following areas:

- Educational Planning
- Career Exploration
- Social and Life Transition Advising

Degree and certificate seeking students are assigned an academic advisor according to an alphabetical assignment by last name. Exceptions to this are students in TRIO, student athletes, veterans, and international students who are assigned a specific advisor. Students are encouraged to regularly meet with their assigned advisor.

Students can log into their Student Self-Service account to identify their assigned academic advisor.

Educational Planning

Academic advisors collaborate with students to create academic plans that reflect their personal, academic, and career goals. Academic success at SVCC relies heavily on students working closely with their assigned academic advisor.

Career Exploration

Career information is provided in a variety of modes including individual sessions, online resources/tools, career workshops, and an academic class, CSS 110 - Career Exploration and Planning. Students who understand and realize their career goals have been known to have higher completion rates; therefore, career exploration is considered a major component of the College's retention effort.

Social and Life Transition Advising

Academic advisors offer individual appointments to help students deal with issues that are important to their overall well-being. Various changes and pressures throughout a student's educational career can contribute to considerable stress, and at times, crisis. When appropriate, academic advisors may refer students to other mental health professionals and community resources when in the best interest of the student.

For further information, contact Academic Advising at 815-835-6354 or visit svcc.edu/advising.

Support Services

Career Services

Career Services can help students explore career opportunities. Whether students are looking for employment (full or part-time), internships, or to sharpen job skills, Career Services is ready to help by providing the following services to all SVCC students:

- Interviewing Techniques
- Cover Letter & Follow-Up Letter Writing Assistance
- Resume Writing Assistance & Reviewing your Resume
- Soft Skills Enhancement

Career Services offers a wide variety of resources to assist with identifying career opportunities, finding up-to-date information on the latest job market trends, tips on acquiring work experience, and developing job search skills for a successful transition from school to work. For further information, contact Career Services at 815-835-6294, or visit svcc.edu/careerservices

Counseling Services

Students needing assistance with personal/emotional concerns or crisis situations can access confidential SVCC Counseling Services with licensed therapists who hold to the highest ethical standards of clinical counseling. Individual counseling is based on a brief-therapeutic model to accommodate student demand for counseling services. Long-term counseling will be referred to community resources with whom Sauk Valley Community College has established linkage agreements. Group therapy will be offered for a variety of needs. Students can make a confidential request for services through the Student Services Center (SSC), the "counseling request" button at svcc.edu/SSC, or by calling the confidential number 815-835-6204.

In the event of an acute crisis, a licensed therapist is typically available during office hours. After hours, students experiencing a mental health emergency can contact:

- 911
- 800-242-7642 - Sinnissippi Crisis Line
- 800-273-8255 - National Suicide Prevention Hotline
- Text 741741 - Crisis Text Line
- crisischat.org

Peer Mentoring

Student Peer Mentors offer help to Sauk students relevant to adjusting to college life/academics, problem-solving and goal setting, time management, reading/note-taking skills, exam preparation, increasing motivation, stress management, and wellness assessments. The peer mentoring program seeks to enrich student life through support and mental health advocacy. Peer mentors maintain drop-in hours and individual appointments. For further information call 815-836-6271 or visit svcc.edu/peermentoring.

Cross-Cultural Services

The cross-cultural coordinator provides assistance to minority students and families throughout the SVCC district in reaching educational and career goals. Some students have a clear idea of what their concerns are before seeking help; many others simply feel that some things are not going as well as they had hoped. Either way, the cross-cultural coordinator is here to help with:

- Interpreting services
- Connection with all Sauk's on-campus resources
- Connection with community resources
- On-campus club ALAS (Association of Latin American Students)
- FUSE Program (Families United for a Strong Education), and
- An open and welcoming environment

Individuals interested in more information should contact the Student Activities/Cross-Cultural Coordinator, 815-835-6432. Bilingual services are available (English/Spanish). For more information, please visit svcc.edu/cross-cultural.

Disability Support Services

SVCC is committed to providing equal educational opportunities for persons with disabilities in accordance with the Americans with Disabilities Act Amendments Act (ADAAA) of 2008 and Section 504 of the Rehabilitation Act of 1973.

Disability is defined by the ADA as “a physical or mental impairment that substantially limits one or more major life activities of such individual, a record of such an impairment or being regarded as having an impairment.”

Equal educational opportunity means that a qualified person with a disability must have access to the same programs, services and activities as all other students. In order to provide equal opportunity, SVCC makes reasonable modifications to its policies, practices and procedures unless doing so fundamentally alters the nature of the service, program or activity or poses an undue administrative or financial burden.

Ensuring that accommodations provide effective access requires a deliberate and collaborative process that is responsive to the unique experience of each individual. SVCC employs a Director of Disability Support Services who engages in an individualized process with students who self-identify to determine reasonable and appropriate accommodations and auxiliary aid and services.

If you anticipate or experience physical or academic barriers based on disability, you are encouraged to contact Disability Support Services early in your academic planning. A student must register with Disability Support Services each semester they plan to utilize accommodations. An intake appointment can be scheduled by calling 815-835-6220 or visit Disability Support Services webpage.

A student self-referral is available at: DSS Student Self Referral.

Disability Support Grievance Procedures

Students with disabilities have the right to request accommodations to access and participate in academics, activities, programs and services sponsored by the institution. If a student has a grievance with the accommodations extended, they have 30 days to contest the decision. If a student has a disability-related grievance, they should contact the Director of Disability Support Services at 815-835-6246 in room 1F27 to discuss the grievance. Information related to a disability grievance may be found at svcc.edu/students/disability-support/grievance-form-students.html.

Early Alert System/Crisis Assistance Team

The Early Alert System supports retention by putting students in contact with appropriate campus resources. This assistance helps students meet their educational goals. Faculty and staff members contribute directly to the Early Alert system's success by referring students who are struggling in their academic work, are chronically absent from class, are exhibiting disruptive behavior, or are having difficulty adjusting to college life. Mental health referrals can be completed using the Clinical Mental Health Counseling request form at svcc.edu/counseling-referral. SVCC is committed to the retention and graduation of its students by providing a learning environment that is conducive to student success.

In conjunction with the Early Alert System, the Sauk Valley Crisis Assistance Team (SVCAT) was established to provide assistance to faculty, staff, and students in addressing situations in which a student or staff member displays concerns. Such stressors can be disruptive to the success of the student and to the educational setting. The overall goal is to promote a safe, healthy college environment for all staff and students by listening to the concerns presented, determining the needs of the faculty, staff, and students and then implementing an intervention plan to address the concerns.

Homeless Student Liaison

Sauk Valley Community College is committed to providing supportive services to students who are experiencing housing insecurity or homelessness. The Homeless Student Liaison assists with identifying resources and services that are available and appropriate for each student including financial aid. For assistance, please call 815-835-6390 or visit svcc.edu/housing-insecurity.

Learning Commons

The Learning Commons in room 3L01 offers tutoring and library services to help students meet their academic goals in a spacious facility equipped with computers for public use, and a variety of quiet and collaborative study spaces.

Learning Commons Library

The Learning Commons Library supports the teaching and scholarship of the College and promotes lifelong learning in our community. Our circulating collection includes books, audiobooks, DVD's, magazines, and journals for information and entertainment. Any resident of the college district aged 16 or older may sign up for a free library account in order to borrow from the library's circulating collection or use the *eRead Illinois* eBook program.

The physical collection is augmented by online research databases, streaming videos, and a large eBook collection. These subscription resources are available to all users on-campus and to students, faculty, and staff off-campus. In addition, students, faculty, and staff may order materials from any academic or public library in Illinois through our interlibrary loan services.

The experienced library staff provides assistance with reference, research and citation. Instruction on a variety of library and research topics is available to groups by appointment, or in person to individuals by appointment or on a walk-in basis. For more information, contact the library at 815/835-6247 or visit svcc.edu/library.

Learning Commons Tutoring (LCT)

Learning Commons Tutoring supplements classroom instruction with individual and group tutoring and review sessions on subjects including (but not limited to) mathematics, biology, chemistry, physics, accounting, and psychology. Services are offered on a no-cost walk-in basis in an informal and friendly atmosphere. Instructional aids include many helpful handouts and a science study area equipped with biology and anatomy study resources. For further information, contact LCT at 815/835-6293, or visit svcc.edu/tutoring.

Learning Commons Writing Center

The Learning Commons Writing Center provides one-on-one writing support in any academic discipline. Assignment tutoring, skill-building sessions, workshops, and reading comprehension support are available to help all students. Writing opportunities beyond academics include creative writing opportunities, and scholarship essay and resume writing support. Contact the Writing Center by email writing.center@svcc.edu or 815.835.6398 or visit svcc.edu/writing-center.

Testing Center

The SVCC Testing Center provides services for SVCC students and the local community. The center has ample spacing capacity to accommodate testing for 23 or more examinees. It includes space for paper/pencil exams as well as many computers for online exams.

All SVCC student exams and placement testing are delivered by appointment during normal hours of operation. Preferably, appointments need to be scheduled a minimum of 24 hours in advance. If a student or community member is planning to take one of the many other exams offered by the Testing Center, call the Testing Center or the test sponsor to schedule a time to take the exam.

All examinees must present a photo ID before taking any exam. Some exams require fees and additional identification. Please contact the Testing Center for more information at 815-835-6530 or visit svcc.edu/departments/testing-center.

TRIO Student Support Services

TRIO is a federally funded, student-oriented program that offers supportive services to help students achieve success. The services are designed to help students maximize their effectiveness and make informed decisions that will lead to a successful graduation/transfer. Students are assigned an academic advisor offering students the support necessary to take them from enrollment through graduation/transfer. Advisors are dedicated to providing individualized assistance enhancing the academic, professional, and personal potential of the students who participate in the program. Federal Eligibility Guidelines Apply.

TRIO provides opportunities for academic development, assists students with basic college requirements, and provides services to motivate students towards the successful completion of their post-secondary education. To find out if you are eligible, call the TRIO Program at 815-835-6268, or ask your academic advisor.

Undocumented Student Liaison

Sauk Valley Community College is committed to the success of all students, regardless of immigration status. The Undocumented Student Liaison assists undocumented students and mixed status students in streamlining access to financial aid and academic support to successfully matriculate to degree completion. If you are a student or the parent of an undocumented or mixed status student needing help connecting with resources on campus, please call 815-835-6432 for assistance.

Veterans and Military Personnel

The *Higher Education Veterans Service Act* requires colleges to create, publish, and distribute a comprehensive guide of services available specifically to veterans at their institutions. Policies have been implemented to allow for better service to our student veterans, to follow federal and state regulations, and to handle unique situations that arise for student veterans. These include Advance Registration, In-district Tuition, and Students Called to Active Duty. SVCC adheres to the Veterans Affairs Pending Payment Compliance which adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post-9/11 G.I. Bill® (Ch.33) or Vocational Rehabilitation & Employment (Ch. 31) benefits, while payment to the institution is pending from VA. These services can be viewed on the SVCC website by clicking on the "yellow ribbon" link on our homepage. The bill requires schools with 1,000 or more full-time students to appoint a coordinator to act as a liaison between administrators and student veterans.

The *Higher Education Veterans Service Act* also requires schools with 1,000 or more full-time students to appoint a coordinator to act as a liaison between administrators and student veterans. The role of the coordinator is to provide transition services to assist veterans and military personnel with their potential educational benefits, award of service-related credits, and discuss pathways to enrolling in college. The coordinator will also serve as a referral source to connect veterans with the U.S. Department of Veterans Affairs *VetCenters* readjustment and personal counseling services. *VetCenters* counseling resources are provided at no charge for any military service personnel serving in a combat theater of operations. Veterans and Military Services are located in Financial Assistance (Student Services Center). For more information call 815-835-6315.

For additional information regarding Veterans, please see Veteran Students and Veteran Benefits under Financial Assistance.

Student Life

Many opportunities exist for students to get involved in co-curricular activities at SVCC. These opportunities enhance and encourage total development of those who participate. Opportunities exist for involvement in the following areas:

The Fitness Center

The Fitness Center has state-of-the-art cardio and strength equipment that feature the ultimate in adjustability for different workouts and resistance levels to reduce stress on your joints, mimic the body's true movements, and help you meet your goals.

Take advantage of our FREE Wellness Orientation. This orientation will give you the basics needed to begin a health and fitness routine and make you feel right at home in the cardio/strength areas. Schedule these at the front desk.

The Fitness Center offers free memberships and PED classes. To begin, students may sign up for a membership or enroll in PED 150-Super Circuit Fitness I for one credit hour. PED class cost includes tuition plus a lab fee. Classes (PED 150-153) are self-paced with students selecting their own times and days to exercise. Open enrollment is also available allowing students to begin a class at any time after enrollment with 16 weeks of continuous access to the center to complete the class. Memberships are reasonably priced by the month, semester, or year. For more information, contact 815-835-6466.

Intercollegiate Athletics

The College has developed an outstanding program of inter-collegiate athletics. Sports programs for women include basketball, cross-country, softball, tennis, track & field, and volleyball. Men's sports programs include basketball, baseball, cross-country, golf, tennis, and track & field. Athletes have the opportunity to compete for conference, regional, and national honors during the year. Athletic achievement awards are offered in each sport for outstanding student athletes. The College's Athletic Department conducts athletic summer camps in a variety of sports.

SVCC is a member of the National Junior College Athletic Association (NJCAA) and competes in NJCAA Region IV. Sauk Valley is also a member of the Arrowhead Athletic Conference. Other conference members include Black Hawk, Carl Sandburg, Highland, Kishwaukee, and Illinois Valley.

The College abides by all NJCAA academic requirements and the NJCAA Code of Conduct to assure the integrity of Sauk Valley Community College, our student athletes and coaches. SVCC also has an Athletic Code of Conduct that all athletes must agree to in order to participate. This athletic code includes a substance prevention program and random substance testing. The College mascot is the Skyhawk, and the colors are red, white, and black. For further information visit svcc.edu/athletics or contact the Athletic Director at 815-835-6466 or 815-835-6467.

Intramural Sports

SVCC maintains a program of intramural athletics for those not wishing to compete in an intercollegiate sport. The offering of intramural activities is based upon student interest and participation. For more information, contact the Athletic Office at 815-835-6466 or 815-835-6467.

Performing Arts

Student and community members are provided opportunities to be involved in at least one major theatrical production performed annually. Casts are selected from open auditions; and productions include drama, comedies, musicals, and one-act plays.

Phi Theta Kappa

Phi Theta Kappa is an honor society for 2-year college students. Phi Theta Kappa provides recognition for excellent achievement and scholarship opportunities to all members. For those who are selected and choose to be active members, Phi Theta Kappa offers countless opportunities for personal and professional growth through activities related to four themes: scholarship, leadership, fellowship, and service. For further information visit svcc.edu/students/student-organizations/ptk

Student Activities

Student Activities promotes active student participation through student organizations and social, recreational, educational and cultural events. Such activities support education outside the classroom, enhance the college experience, and promote a sense of community. For more information, please visit svcc.edu/student-activities

Student Government

Student Government is a vital part of campus life at SVCC. Some of the responsibilities of Student Government include representing the student body to the SVCC administration and Board of Trustees, sponsoring campus-wide activities, recognizing new student organizations, allocating programming money to student organizations, and completing community service activities. Additionally, Student Government members serve on college-wide committees in conjunction with SVCC faculty and staff.

No experience is necessary to be a member of Student Government. Information regarding Student Government membership and meeting times may be obtained from the Student Government Officers or the Student Activities/Cross Cultural Coordinator. Minimum GPA and credit hour requirements vary for each student government position. For more information, contact the Student Activities/Cross Cultural Coordinator at 815-835-6432 or visit svcc.edu/students/student-government

Student Organizations

There are a variety of student organizations at SVCC. The student organizations have a wide variety of purposes that include social, educational, recreational, and/or cultural interests. If you are interested in joining an existing organization or forming a new organization, contact the Student Activities/Cross-Cultural Coordinator at 815-835-6432 or visit svcc.edu/students/student-organizations for a current listing of recognized student organizations and clubs.

Auziliary Services

Bookstore

The SVCC Bookstore is located on the first floor near the West Mall entrance. It is operated by Follett, Inc. Follett provides resources for economically used textbooks, emerging technology in electronic and online alternative course materials, and is committed to providing a wide variety of merchandise and needs for students, staff, and faculty. You can buy your textbooks, supplies, gifts, clothing, snacks, study aids, computer products, laptop computers, and many more items. Many textbook titles are also available on a rental basis. Please be aware that rentals MUST be returned on time, or the full cost of the book plus service fees will be applied to your student account. Some titles may also be available online for either rent or purchase.

Normal SVCC Bookstore hours during the regular school year (August through May) are Monday through Wednesdays 8:00 a.m. - 7:00 p.m., Thursdays 8:00 a.m. - 6:00 p.m., and Fridays from 8:00 a.m. - 2:00 p.m. We are closed on Saturdays and Sundays. The SVCC Bookstore is also closed on holidays and on Fridays during the summer, or during any time that SVCC is closed. There are special hours for Summer semester, Spring break and holiday times. Visit SVCC Bookstore page by going to www.bkstr.com/saukvalleyccstore.

Refunds are during the First TWO WEEKS of classes, and you MUST have a valid cash register receipt. Receipts cannot be reproduced or "looked up" by the SVCC Bookstore. For textbooks bought after the two-week deadline, you have TWO DAYS from the receipt date to return your books. Shrink-wrapped books and open software are NOT refundable. Refunds are not accepted during finals week or for prior semester book purchases. All other returns will be treated as a buy-back.

You may also buy books online at www.bkstr.com/saukvalleyccstore Students may have them shipped to their home, or save the shipping charges and pick them up in the SVCC Bookstore. Your order may be fulfilled by the SVCC bookstore, another Follett location, or directly from the publisher.

You may sell your books to the bookstore as a buy-back. You may sell books all year, but the traditional buy-back events (with promotions, giveaways, etc.) are always during FINALS WEEK. Buy-back week is also the best time to get prime prices for your old textbooks. Your book must be in usable condition. There are many factors that affect the price you may receive at buy-back; one of the most important factors is whether the book will be used next semester.

The SVCC Bookstore accepts cash, checks, money orders, traveler's checks, and debit or credit cards as forms of payments. For your identity protection, you will be asked to provide identification for some types of payments. You may be able to use grants, scholarships, and other forms of financial assistance. Every program is different, so please check ahead to save time.

Tips for getting the most out of the bookstore experience:

- **Use the Staff-** We are here to answer your questions and to help you. We will try to get answers to your questions immediately. To assure the most complete or correct answers, we may need more information. We will gladly follow up with you if you provide contact information. You can get more than just textbooks from the bookstore, like study guides, calculators, supplies, and more. We can help!
- **Be Ready-**Have your schedule with you to get the correct items for your class and section. Each section or instructor may have different needs. If you have financial assistance of any kind, have your paperwork, (schedule, vouchers, award letters, etc.) with you. Have your ID with you if you want to make a purchase with your check or bank card.

For information, call 815-835-6304.

Skyhawk Café:

Located on the second floor in the Dillon Mall.

Fresh, made from scratch, menu options offered daily including quick grab and go hot & cold items. If you have a craving for; pizza, homemade soups, hot entrees, cheeseburgers, French fries and much more, come visit the Skyhawk Café.

Café Hours:
Monday through Thursday: 7:30am – 1:30pm
Friday: 7:30am – 11:00am
Financial aid can be applied for Café credits

Emergency Services

Report emergencies by phoning SVCC security at (815) 441-2040, or 911, or the switchboard by dialing "0." After 9:30 p.m. and on weekends, report emergencies by phoning 911 or contacting security from an escort radio in the building or from an emergency call box located in the parking lots.

Information Center

Room 1C04, Ext. 0. Faculty/Staff mailboxes, lost and found services, reimbursement for money lost in vending machines, and visitor information/registration are maintained by the Information Center. The College does not assume responsibility for personal property of students.

Medical and Health Services

The College does not offer medical and health services on site, but does provide access to telehealth services. For needs outside of these services, students are expected to have general medical needs met by their own personal physician or dentist. In the event a student requires emergency medical treatment for injury or illness, reasonable action will be taken to contact emergency medical services. The student's emergency contact will be notified upon request. Students needing health services should contact the Dean of Student Services at 815-835-6305.

Parking and Traffic Services

Students are required to abide by the rules and regulations governing vehicles on campus. There is sufficient space for all students to park on campus.

The College retains the right of enforcement regarding the health, welfare, and safety of all individuals while on campus. All registered students and visitors on campus are subject to the provisions and penalties specified in the regulations regarding motor vehicles. A complete review of motor vehicle regulations is available online at svcc.edu/about/plan-visit

Penalties for parking violations may be paid to Sauk Valley Community College by mail or in person at the SVCC Business Office, Room 1H02.

Student Rights and Responsibilities

Sauk Valley Community College is committed to a philosophy that ensures the basic rights of students, such as freedom of speech, freedom of the press, the right to assemble, and the right of inquiry. In consideration of these rights, it is implicit that students should also accept those responsibilities that are inherent with attendance at a public community college. These include such basic responsibilities as:

- Respect for public and private property;
- Respect for the rights and privileges of others;
- Adherence to recognized standards of scholarship; and
- Respect for duly constituted authority.

Students should recognize that the primary educational function of Sauk Valley Community College must be maintained at all times and that ultimate authority rests with the Board of Trustees as elected representatives of the College constituency. The Board also serves as the place of final appeal for grievances in any matter concerning the College provided that the student shall have first exhausted all relevant procedures and appeals provided by College policy or procedure.

Non-Discrimination in Employment and Student Relations

Sauk Valley Community College is an equal opportunity employer and is committed to an effective policy of non-discrimination and equal opportunity in all employee and student relations. Except to the extent and subject to the exemptions permitted by law, no qualified employee or student shall be excluded from the employment or educational opportunity, be denied benefits, or be subjected to discrimination on the basis of race, color, religion, national origin, ancestry, age, sex, sexual orientation (as that term is defined in the Illinois Human Rights Act), marital status, handicap, military status or unfavorable discharge from military service classified as RE-3 or the equivalent thereof.

Sexual Misconduct Procedures (Title IX, Sexual Harassment)

Sauk Valley Community College is committed to fostering a safe, productive learning environment and does not discriminate on the basis of sex in any of its educational programs or activities. Title IX and College Policy prohibits discrimination on the basis of gender or sex. Sexual misconduct including sex-based harassment, domestic and dating violence, sexual assault, exploitation, and stalking are prohibited acts. All forms of sexual misconduct or other identified acts of prohibited conduct under the College's policy is regarded as serious, and violations can result in discipline, including possibility of separation from the College. A Respondent, the party who is alleged to have engaged in the harming behavior, is presumed not responsible for a policy violation prior to a finding of such through the College's formal resolution process.

SVCC encourages anyone experiencing sex-based harassment or discrimination or other prohibited conduct as defined in the College's Policy to talk to someone about what happened, so support/resources can be provided and the College can also respond appropriately. A student wishing to speak confidentially about an incident, should contact one of the campus confidential resources found at: svcc.edu/about/college-resource-personnel.html

A student wishing to report an incident or having questions about College policies and procedures regarding Title IX, should contact the College's Chief Title IX Officer, also found within the listing above. Students can also report an incident using the Title IX Reporter form at svcc.edu/sex-misconduct-form

A report may be made at any time, day or night; however, the Chief Title IX Officer will respond during normal business operating hours to reports. Anyone requiring immediate assistance should call 9-1-1.

A copy of the College's Sexual Misconduct policy (Title IX and Sexual Harassment) is on the SVCC website under Policies or at svcc.edu/sexual-misconduct.

Acceptable Use Policy

Sauk Valley Community College provides technology resources to meet the College's purpose, to support our educational and community values, and to support our programs and initiatives. Sauk Valley Community College's Information Services organization's goal is to provide high quality services to the campus community. To ensure that our high standards are met, we have certain expectations regarding the use of technology resources at the College.

Access to Sauk Valley Community College technology resources--computing facilities, telecommunications and network services, servers, equipment, software, applications, information resources, printing and scanning services, and user and technical support provided by Information Services staff--is a privilege, not a right. This privilege is extended to all users-- faculty, staff, students, trustees, alumni/i.e., affiliated individuals and organizations, partner non-profits and PK-12 schools. Accepting access to this technology carries an associated expectation of responsible and acceptable use.

The "Acceptable Use Policy" describes activities that Sauk Valley Community College considers violations of use of technology resources. The examples listed are not exhaustive and may change from time to time as technology and applications change. The examples are provided solely for guidance to users. If you are unsure whether any use or action is permitted, please contact Information Services at x298 for assistance.

While there are cases in which use of technology resources is deemed not responsible or not acceptable, there are also cases in which technology resources are used in the conduct of behaviors which violate College policies, codes of conduct, or local, state, or federal law, in those cases, either the Student Code of Conduct or the legal system shall be imposed. Though the use of technology resources is the focus of this document, members of the Sauk Valley Community College community and others using Sauk Valley Community College's technology resources are advised that use may also be governed by other College policies including but not limited to those in the student handbook, College catalog, faculty handbook, other policies governing academic, student life, or personnel matters at the College or agreements between the College and affiliated organizations. Sauk Valley Community College's technology and information resources are not to be used for commercial purposes or non-College related activities without written authorization from the officer(s) of the College that have been so designated (contact Information Services for further information). To ensure proper network performance, and security as well as appropriate use, College staff may monitor and record user activity.

Sauk Valley Community College reserves the right to enforce applicable penalties and/or immediately terminate access to College systems and network services to any user in cases where technology resources have been used in a manner that is disruptive or is otherwise believed to be in violation of "acceptable use" or other College policies or law. As a recognized agent under the Digital Millennium Copyright Act, the College will act in accord with the provisions of this act in the event of notification of alleged copyright infringement by any user. Instances of inappropriate use of technology resources will be referred to the appropriate official for disciplinary action by the College and will be subject to this policy as well as to other applicable College policies and guidelines. In addition, individuals may be subject to civil suit, and/or local, state, and federal prosecution depending on their actions. Among sanctions that can be imposed for violation of this or other applicable College policies, the College reserves the right to restrict an individual's access to technology resources. The College reserves the right to deny employment to any individual found in violation of this policy.

The College retains control, custody and supervision of all Computer Technology. The College reserves the right to monitor the use of Computer Technology activity by any user. No user shall have expectations of privacy in their use of Computer Technology, including e-mail messages and stored files, except

proprietary research by faculty members who need to protect work, product, etc. The complete Acceptable Use Policy can be viewed at svcc.edu/about/procedures/aup.html

Acceptable Use of Technology

Students should turn off all electronic devices while in the classroom unless they have the consent of the instructor. Electronic items include, but are not limited to cell phones, laptops, tablets, MP3 players, voice and video recorders. Students violating this policy may face college disciplinary action. Also, students are subject to the SVCC Acceptable Use Policy: svcc.edu/about/procedures/aup.html

Notification of Recording

All classes at Sauk Valley Community College may be recorded for a variety of reasons to include compliance with the Americans With Disabilities Act (ADA) in providing reasonable accommodations to persons with disabilities. Students not utilizing accommodations under ADA must obtain instructor consent to record classes. Students who are permitted to record classes for instructional or access purposes may not share, sell, distribute or post the recording to the Internet to include all social media sites. Students violating this policy may face college disciplinary action. Also, students are subject to the SVCC Acceptable Use Policy: svcc.edu/about/procedures/aup.html

Student Complaint Procedures

Step One: Informal Resolution
For students, the first step in resolving a concern or complaint is to directly address the individual and discuss the issue(s) in question. Discuss the issue in a professional, calm, and logical manner.

If the complaint includes areas such as sexual discrimination, sexual misconduct, domestic violence, or stalking, refer to the Sexual Discrimination and Sexual Misconduct Policy (Title IX).

Step Two: Informal Resolution Continues
If there is no resolution to the concern or complaint or if the student is not comfortable speaking to the other person, please contact the SVCC employee listed on the following website: svcc.edu/about/procedures/complaint-procedure.html. Contacting the correct employee will expedite a possible resolution of your concern or complaint.

Step Three: Formal Resolution
Students who have attempted an informal resolution to their complaint or concern but feel as if their complaint or concern was not resolved may file a formal, written complaint with any of the parties listed on the following website: svcc.edu/about/procedures/complaint-procedure.html. Please contact the same employee as in step two in order to expedite the process. The written complaint will be reviewed by the appropriate college employee(s) and the student will receive a written response of the outcome within ten business days.

Student-Right-to-Know

In compliance with the Student-Right-to-Know regulations, SVCC's graduation rate survey, campus crime statistics/security policies, financial aid information, and athletic disclosure report are available in Admissions & Records, the Dean of Student Services, and on the College website at svcc.edu/students/right-to-know.

Unattended Children on Campus

Children must be attended by an adult at all times. Unattended children will be escorted to their parents or the security office.

Voter Registration

Sauk Valley Community College has a strong commitment to civic engagement and assists students in their growth through opportunities that promote positive change. Voting in local, state, and national elections is one of the most important duties of an engaged citizen. To find out more information about voter registration, and the opportunity to apply to be an election judge, visit svcc.edu/students/student-government/voter-registration

Code of Student Conduct and Disciplinary Procedures

The Code of Student Conduct has been established to control action going beyond the exercise of such rights, to maintain order on campus and to guarantee the broadest range of freedom for all who come to learn at Sauk Valley Community College.

Each student is responsible for knowledge of and compliance with this Code of Student Conduct, which is available through Academic Advising, from the Dean of Student Services, and the Vice-President of Academics and Student Services.

The College further recognizes each student's right to procedural due process, including notice, an opportunity to respond to the allegations, and an appeal process. Any student cited for violation of the Code of Student Conduct will:

1. Receive notice of the alleged violation. The notice will include:
    1. the specific code violations; and
    2. reference to the process and rights of students as indicated in the Code of Student Conduct;
2. Be provided an opportunity to respond to the charges;
3. Be able to appeal the decision, if necessary;
4. Not be permitted to withdraw from the College and/or class(es) until such charges have been resolved.

Students wishing to discuss the alleged violation before the hearing occurs should contact the Dean of Student Services.

I. Proscribed Conduct

1. Jurisdiction of the College
   The Code of Student Conduct applies and discipline may be imposed for conduct which occurs on College premises, at off campus recreational or instructional sites, at any College-sponsored event, or at any College supervised or provided activity, transportation, or facility.

2. Conduct-Rules and Regulations
   Students at Sauk Valley Community College are expected to demonstrate qualities of morality, honesty, civility, honor, and respect. Behavior that violates these standards for which discipline may be imposed includes, but is not limited to, the following:

In cases involving sex/gender discrimination and/or sexual misconduct such as assault, exploitation, harassment, stalking, or intimate relationship violence, refer to the SVCC Sexual Misconduct Procedures (Title IX and Sexual Harassment).

1. Acts of dishonesty, including, but not limited to:
    1. Cheating, which includes, but is not limited to:
        1. Use of any unauthorized assistance, resources or materials in taking quizzes, tests, or examinations;
        2. Dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; or
        3. The acquisition, without permission, of a test or other academic material belonging to Sauk Valley Community College, to any department, or to any staff;
        4. The use of artificial intelligence software or tools in homework, quizzes, tests, and other assignments unless otherwise authorized by the course instructor;
    2. Plagiarism, which includes, but is not limited to:
        1. Use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgment;
        2. Unacknowledged use of materials prepared by another person;
        3. Use of any agency engaged in the selling of term papers or other academic materials;
        4. The use of artificial intelligence software or tools in any writing assignment unless otherwise authorized by the course instructor;
    3. Furnishing false information to any College official, faculty member, or office;
    4. Forgery, alteration or misuse of any College document, record, form, or instrument of identification;
    5. Alteration or sabotage of another student's work, such as tampering with laboratory experiments;
    6. Tampering with the election of any College-recognized student organization or the student trustee election;
    7. Class materials including lecture and discussion notes are considered property of SVCC. Students that are permitted to record classes for instructional or access purposes may not share, sell, distribute or post the recording to the Internet to include all social media sites.
2. Disruption or obstruction of any operation of the College, including, but not limited to, teaching, disciplinary proceedings, College activities, public services functions on or off campus, or other authorized non-College activities when the act occurs on College premises;
3. Physical abuse, verbal abuse, threats, intimidation, harassment, hazing coercion, and/or other conduct which threatens or endangers the health or safety of any person;
4. Attempted or actual theft of, or damage to property of the College or failure to return college property, or other property of a member of the College community or other personal or public property;
5. Failure to comply with directions of College officials or law enforcement officers acting in performance of their duties and/or failure to identify oneself to these persons when requested to do so;
6. Unauthorized possession, duplication or use of keys to any College premises, or unauthorized entry to, occupancy of, or use of College premises;
7. Violation of published College policies, rules, regulations, or procedures;
8. Violation of federal, state, local law, or Board policy;
9. Unauthorized gambling in any form;
10. Use, possession or distribution, of a narcotic or other chemical substance except as expressly permitted by law;
11. Use, possession or distribution of Illicit drugs or federally controlled substances;
12. Use, possession or distribution, of alcoholic beverages except as expressly permitted by the law and College regulations, as well as public intoxication;
13. Illegal or unauthorized possession of firearms (including concealed carry weapon permit holders), fireworks, ammunition, explosives, other weapons, or dangerous chemicals on College premises, off-campus instructional sites, or at College-sponsored or supervised functions;
14. Participation in a campus demonstration, which disrupts the normal operations of the College and infringes on the rights of other members of the College community; leading or inciting others to disrupt scheduled and/or normal activities within any campus building or area; intentional obstruction which unreasonably interferes with freedom of movement, either pedestrian or vehicular, on campus;
15. Obstruction of the free flow of pedestrian or vehicular traffic on College premises, or at College-sponsored or supervised functions;
16. Conduct performed in such unreasonable manner as to alarm another and which is disorderly; aiding, abetting, or procuring another person to breach the peace;
17. Conduct covered in the College Acceptable Use Policy (AUP).
18. Abuse of the student conduct review procedure, including, but not limited to:
    1. Failure to obey the summons of a Student Conduct Review Board or College official;
    2. Falsification, distortion, or misrepresentation of information before a Student Conduct Review Board;
    3. Disruption or interference with the orderly conduct of a proceeding;
    4. Bringing about charges without cause;
    5. Attempting to discourage an individual's proper participation in or use of the procedure;
    6. Attempting to influence the impartiality of a member of the Student Conduct Review Board prior to and/or during the course of the proceeding;
    7. Harassment (verbal or physical) and/or intimidation of a member of the Student Conduct Review Board to, during and/or after a proceeding;
    8. Failure to comply with the sanction(s) imposed under the Code of Student Conduct;
    9. Influencing or attempting to influence another person to commit an abuse of the process.

1. Violation of Federal, State, or Local Laws and College Discipline
    1. College disciplinary proceedings may be instituted against a student charged with violation of a federal, state, or local law which is also a violation of this Code; that is, if both violations result from the same factual situation without regard to pending civil litigation in court or criminal arrest and prosecution. Proceedings under this Code may be carried out prior to, simultaneously with, or following civil or criminal proceedings off campus.
    2. When a student is charged by federal, state, or local authorities with a violation of law, the College will not request or agree to special consideration for that individual because of his or her status as a student. However, if the alleged offense is also the subject of a proceeding before the Student Conduct Review Board, the College may advise off-campus authorities of the existence of the Code and of how such matters will be handled within the College community. The College will cooperate fully with the enforcement of criminal law on campus and within the conditions imposed by criminal courts for the rehabilitation of violators who are also students.

II. Dean of Student Services Authority

1. The Dean of Student Services is responsible for administration of the Code of Student Conduct.
2. The Dean of Student Services has the authority, in the Dean's discretion, to impose discipline as provided herein Sections IV (a), (b), (c), (d), (e), (f), (g), (h), (i) and (j). The Dean of Student Services has the authority and discretion to recommend College suspension or College expulsion. The Dean of Student Services may, in his/her discretion, refer any disciplinary matter to the Student Conduct Review Board.
3. The Dean of Student Services may delegate his/her authority to one or more other administrators. All references to the "Dean of Student Services" or to the "Dean " in this Code of Student Conduct include such designees, unless specifically stated to the contrary.
4. Confidential files should be maintained by the Dean of Student Services for the purpose of recording actions taken incident to SVCC Board Policy 616.01.

III. Procedures in Cases Involving Possible Discipline

1. Charges or Claims of Violation of Code of Student Conduct
   Any member of the College community may file charges against any student for misconduct. Charges will be prepared in writing and directed to the Dean of Student Services. Any charge should be submitted within ten (10) business days after the event takes place.
2. Investigation
   The Dean of Student Services will conduct an investigation to determine if the charges should proceed. Following the investigation, the Dean of Student Services shall make a determination by preponderance.
3. Notice to Student
   Any student against whom charges of misconduct have been filed shall be notified of the accusation of violation of the Code of Student Conduct, as provided in this Policy.
4. Hearing
   In the event the Dean of Student Services determines there is cause to believe there may have been a violation of the Code of Student Conduct, the Dean shall determine whether the matter may be resolved informally, without a hearing. If the problem is not resolved informally, the Dean will refer the matter to the Student Conduct Review Board for a hearing. The Dean shall be responsible for the conduct of the hearings he/she holds, and for establishing the rules which shall apply for the particular hearing. The Dean shall inform the student of the rules which shall be applied. The hearing will be recorded for possible use during an appeal to the President and/or the Board of Trustees. The recording will be disposed of/deleted immediately following any last appeal.
   1. The Student Conduct Review Board shall consist of one administrator, two student services personnel, one faculty member, and one student representative. The Dean of Student Services will call a meeting of the Student Conduct Review Board at a time arranged in consideration of the schedules of the student and the members, with avoidance of conflict with class schedules. The student will be notified of the scheduled time of the meeting in writing at least ten (10) business days prior to the meeting. The Student Conduct Review Board Chair may request other students or College staff members who have information relevant to this case to appear at the meeting of the Board. The student, victim, or instructor may also make such a request, and the Chair shall decide if such person(s) shall be permitted to appear. All meetings of the Student Conduct Review Board are closed.
   2. The student and the victim/instructor involved may each request the removal of any one member of the Student Conduct Review Board from the hearing for legitimate reason. Issues of removal shall be decided by the Student Conduct Review Board at the first meeting, and the Dean of Student Services shall coordinate any necessary replacement(s).
   3. If the student gives notice and appropriate justification requesting a rescheduling of the meeting, the meeting may be rescheduled once.
   4. The student and the victim/instructor may each have one pre-approved advisor present. (Each party has the right to object to a chosen advisor upon just-cause, i.e., personal conflict issues. The Student Conduct Review Board chair makes the final decision.) The advisor is not permitted to speak or to participate directly in the proceeding before the Student Conduct Review Board and is not permitted to examine or cross-examine witnesses.
   5. The hearing shall not be public. For all stages of presentation of evidence and argument to the Student Conduct Review Board, the Dean of Student Services, the appellant student's advisor, the student's parents or legal guardian (only if the appellant student is a minor), the involved instructor, and the involved instructor's advisor, shall be present. Admission of any other person shall be at the discretion of the Student Conduct Review Board.
5. Imposition of Discipline, and Decision After Hearing
   If, on informal resolution there is agreement as to discipline, the Dean shall impose the disciplinary action agreed upon. If the Dean conducts a hearing and determines by preponderance, that a violation of the Code of Student Conduct occurred, the Dean may impose discipline as authorized in Section II. In the event that the Dean of Student Services believes prior to the hearing that the violation warrants College suspension or College expulsion, the Dean shall inform the Student Conduct Review Board of the seriousness of the offense. If, after the hearing, the Student Conduct Review Board determines no violation of the Code occurred, it shall render such decision.
6. Appeals
   Rights to appeal are as provided in Section VI.

IV. Disciplinary Actions

1. The following are types of disciplinary action which may be imposed, singly or in combination:
   1. **Warning** - Verbal or written notice to the student that the student is violating or has violated institutional rules, policies, and/or regulations and that the continuation of such conduct or actions may result in further disciplinary action.
   2. **Reprimand** - A formal letter of reprimand sent to the student stating the violations of the Code of Student Conduct. Repetition of conduct resulting in reprimand may result in further disciplinary action described below in paragraphs c, d, e, f, g, h, i, j, k or l.
   3. **Disciplinary Probation** - A specified period of observation and review of conduct during which the student must demonstrate compliance with College rules and regulations. Terms of probation and the probationary period will be determined at the time the sanction is imposed. A student on disciplinary probation is subject to suspension for any further disciplinary referrals.
   4. **Limitation to Participate in a Selective Admission Program** - Suspension or denied access to the opportunity to participate in a selective admissions program.
   5. **Suspension of Privileges or College Services** - Suspension or loss of rights to specified privileges and College services for a specific period of time.
   6. **Restitution** - Compensation for loss, damage, or injury. This may take the form of appropriate service and/or monetary or material replacement.
   7. **Discretionary Sanctions** - Work assignments, service to the College or neighboring communities, or other related discretionary assignments.
   8. **Limited Access** - Administrative restriction to selected parts/locations of campus sites.
   9. **Withdrawal from Class** - Administrative withdrawal with consequent loss of tuition and fees from a class or classes.
   10. **Temporary Suspension from Class** - Temporary suspension of the opportunity to participate in a class.
   11. **College Suspension** - Separation of the student, with consequent loss of tuition and fees, from the College for a definite period of time, after which the student may be eligible to return. Conditions for re-admission may be specified.
   12. **College Expulsion** - Permanent separation, with consequent loss of tuition and fees, of the student from the College.
2. When the student violation is deemed severe enough by the Dean of Student Services to warrant possible College expulsion or College suspension, the Dean of Student Services will file with the President of the College and the chair of the Student Conduct Review Board a notice of the necessity to convene for disciplinary action. Written notice to the student involved shall be served by certified mail, addressed to his/her usual place of abode or hand delivered. The notice shall include or contain the following:
   1. A copy of these policies;
   2. Specific factual allegations of misconduct and reference to any specific rules which the facts, as alleged, violate;
   3. Notification of the Student Conduct Review Board convening time.
3. Students may be directed to participate in an intervention or educational seminars in lieu of, or in addition to, the imposition of disciplinary actions described in (1) above.
4. Other than College expulsion, disciplinary sanctions will not be made part of the student's permanent academic record, but will become part of the student's confidential record maintained by the Dean of Student Services.

V. Temporary Suspensions

1. Class Suspension
   An instructor or the Dean of Student Services may temporarily suspend the opportunity of a student to participate in a class, if either determines that the continued presence of the student would disrupt the educational process, or endanger the physical well-being of others in the classroom or immediate area.
   1. Communication of Suspension of Student-The temporary suspension of the student will be promptly communicated to the student.
      1. If prompt action dictates that the temporary suspension be only communicated orally due to the urgency of the situation, the student will be given oral notification and then receive written notification of the reasons for the temporary suspension within three (3) business days from the removal.
      2. Except as provided in sub (a) above, the temporary suspension of a student must be communicated to the student in writing, and the written notice shall state the reasons for the temporary suspension.
      3. All temporary suspensions from the classroom initiated by the instructor shall be reported to the appropriate academic administrator or supervisor, and to the Dean of Student Services within one (1) business day of the temporary suspension from the classroom.
   2. Any student temporarily suspended from a class by an instructor may be readmitted to that class only by the appropriate academic administrator or the Dean of Student Services, following a conference with the student.
2. College Suspension
   In his/her discretion, the Dean of Student Services may impose a College suspension prior to the hearing before the Student Conduct Review Board. Interim suspension may be imposed only:
   1. To ensure the safety and well-being of members of the College community or preservation of College property; or
   2. To insure the student's own physical or emotional safety and well-being; or
   3. To avoid a threat of disruption of or interference with the normal operations of the College.
      During the interim suspension, students will be denied access to the campus (including classes), to off-campus instructional sites, and/or to all other College activities or privileges for which the student might otherwise be eligible, as the Dean of Student Services determines appropriate.

VI. Appeals

1. Disciplinary Action by Designees of Dean of Student Services
   A decision reached, or discipline imposed by a designee of the Dean of Student Services may be appealed in writing within ten (10) business days to the Dean of Student Services. The College reserves the right to adjust the timeline for appeals to allow "proper" time for the student to gather required documentation. The Dean of Student Services shall render a decision on the appeal within ten (10) business days after receipt of the appeal.
2. Decision by Dean of Student Services or Student Conduct Review Board
   A decision reached or discipline imposed by the Dean of Student Services himself/herself, or by the Student Conduct Review Board, may be appealed to the President of the College.
   1. Time and Manner of Appeal - Appeal to the President shall be in writing containing the materials described in subsection 2 below, and must be presented to the Office of the President within ten (10) business days from the date of issuance of the decision of the Student Conduct Review Board, or the Dean of Student Services, as appropriate.
   2. Content of Written Appeal - The written appeal shall include such information as the person bringing the appeal deems necessary to show that the decision reached was erroneous.
   3. Record on Appeal - In considering the appeal, the President shall have available the report from the Student Conduct Review Board, or the Dean of Student Services as appropriate, along with any written documentation submitted at the hearing, and a recording of the hearing.
   4. Time for President's Decision - The President shall render a decision on the appeal within ten (10) business days after receipt of the last to be received report and written documentation.
   5. Referral to Board of Trustees - Upon review of the materials, if the College President deems it necessary, the President may defer the responsibility for decision on the appeal to the Board of Trustees of the College. In the event of such deferral, the President shall notify the accused student, and the Dean of Student Services, and the matter shall be presented to the Board for its consideration at the next regularly scheduled Board meeting. The Board shall render a decision on the appeal after due consideration.
3. Rehearing - The right to appeal does not entitle a student to a full rehearing of his/her case.
4. Scope of Appeal - An appeal will be limited to review of the initial process except when appropriate new evidence is presented.
5. Change of Disciplinary Action on Appeal - If discipline is imposed, the Dean of Student Services, the President, or the Board of Trustees (as appropriate), who hears the appeal, may not impose a more severe disciplinary action than the original disciplinary action imposed. A disciplinary action may be reduced on appeal.
6. Finality of Decision - The decision on appeal of the Dean of Student Services under paragraph 1 above shall be final. The decision of the President on appeal pursuant to paragraph 2 shall be final, unless the President shall defer the decision to the Board of Trustees of the College, in which case the decision of the Board of Trustees shall be final.

VII. Definitions

1. The term "College" means Sauk Valley Community College.
2. The term "student," for the purposes of this code, includes all persons applying for entrance or taking credit or non-credit courses provided by the College both full-time and part-time.
3. The term "faculty member" means all full- or part-time teachers, excluding interns and student teachers.
4. The term "official" includes any person employed by the College performing assigned administrative or professional staff responsibilities.
5. The term "member of the College community" includes any person who is a student, faculty member, College official, or any other person employed by the College. A person's status in a particular situation will be determined by the Dean of Student Services.
6. The term "College premises" includes all land, buildings, facilities, and other property in the possession of or owned, used, or controlled by the College (including adjacent streets and sidewalks).
7. The term "organization" means any number of persons who have complied with the formal requirements for College recognition.
8. The term "will" is used in the imperative sense.
9. The term "may" is used in the permissive sense.

VIII. Interpretation and Revision

1. Any question of the interpretation regarding the Code of Student Conduct will be referred to the Dean of Student Services or a designee for final determination.
2. The Code will be reviewed periodically and amended as necessary under the direction of the Dean of Student Services.

UPDATES AND CLARIFICATIONS

Updates and Clarifications

(For the 2025 / 26 Catalog)

Programs:

Nursing: Practical - Certificate (E91) -
Paragraph #2 of **Admission Requirements** has been revised as follows:
2. Candidates who do not have a high school diploma or GED will be required to take a reading assessment at Sauk prior to the first day of class. An 8th grade reading level or higher is required to take the CNA course without a high school diploma or GED.

COURSES

ACCOUNTING (ACC)

ACC 101 Financial Accounting 4 Hours
This course presents accounting as an information system that produces summary financial statements, primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements, as well, and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities, long-term assets and liabilities, corporations, cash flow statements, and financial statement analyses.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): BUS 903

ACC 102 Managerial Accounting 4 Hours
This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification, accumulation, and interpretation of information for planning, controlling, and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.
Prerequisite: ACC 101
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): BUS 904

ACC 201 Intermediate Accounting I 4 Hours
This course provides an in-depth analysis of the theory, concepts, and procedures underlying the preparation of external financial accounting statements and reports for corporate organizations. Accounting principles and concepts are analyzed and developed from a theoretical, conceptual, and historical environment and are then applied to specific business, transaction, and decision situations. Topical coverage includes: review of the financial accounting process; statements of income, retained earnings, cash flows, and balance sheet; time value of money concepts; cash and receivables; valuation of inventories; acquisition and disposition of property, plant, and equipment: depreciation and depletion; and intangible assets.
Prerequisite: ACC 102
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

ACC 202 Intermediate Accounting II 4 Hours
This course (a continuation of Intermediate Accounting I) provides an in-depth analysis of the theory, concepts, and procedures underlying the preparation of external financial statements and reports for corporate organizations. Accounting principles and concepts are analyzed, developed, and then applied to specific business decision situations. A thorough examination of long-term liabilities, stockholders equity, accounting changes, financial analysis and financial reporting through both manual and automated accounting systems is developed.
Prerequisite: ACC 201
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

ACC 203 Cost Accounting 3 Hours
A study of managerial and cost accounting concepts in planning, control and decision-making. Topics include product costing, cost drivers, cost-volume-profit analysis, activity based costing, budgets, standard costs, just-in-time applications and capital budgeting issues.
Prerequisite: ACC 102
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ACC 204 Tax Accounting 3 Hours
This course provides an introductory study of the current federal revenue acts as they relate primarily to individual income tax theory and practice. Topical coverage includes the individual income tax return, gross income inclusions and exclusions, business expenses and retirement plans, self-employed and employee expenses, itemized and other deductions, credits and special taxes, accounting periods, accounting methods, depreciation, capital gains and losses, and payroll taxes. In addition to individual income tax theory and practice, an overview of partnership and taxation, corporate taxation, and tax administration and planning is provided.
Prerequisite: ACC 101
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ACC 205 Accounting Information Systems 3 Hours
Accounting Information Systems examines the relationships and distinctions between accounting information systems (AIS) and the total management information system (MIS) environment, with major emphasis on computerized AIS. The AIS course will explore, in detail, several typical AIS application sub-systems, such as: (a) order entry/sales, (b) billing/receivables/cash receipts, (c) inventory, (d) purchasing/payables/cash disbursements, (e) payroll, and (f) materials planning/production. Major themes throughout the AIS course will focus upon: (a) oral and written communication, (b) objectives and procedures of internal control, & typical business documents and reports, (d) proper systems documentation through charting devices, and (e) systems analysis and design methodologies. Additional specific AIS themes to be explored include: (a) The impact of emerging information technologies on the AIS and related systems; (b) The implications of business process re-engineering initiatives on AIS design, implementation, and management; and (c) Preparing to be, as an accountant, an effective user, evaluator, and developer of accounting information systems.
Prerequisite: ACC 102
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week.

ACC 207 Acct/Gov & Not-For-Profit Org 3 Hours
This course covers the basic accounting concepts and issues associated with non-profit and governmental organizations. The primary focus is on municipal accounting applications, funds, governmental activities, and business-type activities.
Prerequisite: ACC 102
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

AGRICULTURE (AGR)

AGR 102 Intro to Agriculture Econom 4 Hours
An introduction to the principles of economics including production principles; production costs, supply and revenue; profit maximization; consumption and demand; price elasticity; market price determination; and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation; natural, human and capital resources; commodity product marketing; and agricultural problems and policies.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): AG 901

AGR 109 Soil Science 4 Hours
An introduction to the chemical, physical, and biological properties of soils; the origin, classification, and distribution of soils and their influence on people and food production; the management and conservation of soils; and the environmental impact of soil use.
Prerequisite: None 4
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab hours/week
Illinois Articulation Initiative (IAI): AG 904

AGR 116 Introduction to Animal Science 4 Hours
The application of the sciences of genetics, physiology, and nutrition to the improvement of the animal industries and an introduction to management

and production practices. Includes animal breeds, breeding and selection; anatomy physiology, and nutrition and growth; environment, health, and sanitation; products and marketing; production technology and economics; animal behavior; and current issues in animal science. May also include companion animal topics.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab hours/week
Illinois Articulation Initiative (IAI): AG 902

AGR 130 Intro to Agr Mechanics 4 Hours
This course is designed to provide a introduction to agricultural power (engines, hydraulics, calibrations, and agricultural equipment), agricultural electrification and applications (circuits, motors, and controls), agricultural structures (plans, loads, construction materials and layout and design), metal fabrication and soil and water conservation (surveying, mapping, drainage and conservation structures).
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week
Illinois Articulation Initiative (IAI): AG 906

AGR 142 Introduction to Horticulture 3 Hours
This course is an introduction to the principles and practices in the development, production, and use of horticultural crops (fruits, vegetables, greenhouse, turf, nursery, floral and landscape). Includes the classification, structure, growth and development, and environmental influences on horticultural plants; horticultural technology; and an introduction to the horticultural industries.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week
Illinois Articulation Initiative (IAI): AG905

AGR 150 Intro to AG Bus Management 4 Hours
Organization and structure of agricultural businesses; resource evaluation, policy development and implementation, functions of management, and laws and taxes that affect business.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

AGR 155 Intro to AG Marketing & Stds 3 Hours
Survey of approaches to marketing agricultural products; implications for the producer, consumer, processor, and government; use of grain grading and standardization equipment.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

AGR 160 Agricultural Salesmanship 3 Hours
The course provides an introduction to the basic principles underlying the sales process in agricultural farm supply and practical application and development of sales techniques. Basic to the course is an understanding of the salesperson's obligation to self, his or her company, and his or her customer.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

AGR 170 Intro to Agriculture Education 3 Hours
An introduction to Agricultural Education programs and delivery systems, state and federal policies; the nature of teaching in school and non-school settings; types and purposes of Agricultural Education; program components; approaches to teaching, teacher characteristics; community relationships; educational change and innovation; trends and developments in Agricultural Education. A general study of the nature of Agricultural Education along with its opportunities and responsibilities will be explored.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): AG 911

AGR 199 Ag Issues & Perceptions 3 Hours
This course is designed to increase the understanding, awareness, and critical analysis of today's top agricultural issues and their impact upon the social, political, economic, and cultural aspects of society. Agricultural issues include, but are not limited to: environment, animal welfare, crop production, biotechnology, trade and policy, water quality and a changing consumer attitude towards agriculture and food production.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

AGR 201 Crop Science 4 Hours
Crop Science introduces the basic principles of plant growth, including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food, feed, and fiber; origin, classification, and geographic distribution of field crops; environmental factors and agronomic problems; crop plant breeding, growth, development, and physiology; cropping systems and practices; seedbed preparation, tillage, and crop establishment; pests and controls; and harvesting, storing, and marketing practices.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours:
Illinois Articulation Initiative (IAI): AG 903

AGR 234 Precision Agr Technology 3 Hours
An introductory course providing an overview of the principles of precision agriculture with a focus on the use of technology within the industry. Course material and discussions will include how technologies such as global navigation satellite systems, agricultural geographic information systems, sensors for the measurement of soil and plant variables, yield monitoring, and variable rate technology are being implemented to inform sub-field level management and farm business decisions. Issues discussed in this course include assessment of agronomic responses, profitability, adaptable cropping practices, and conservation planning.
Prerequisite: AGR 109 and AGR 130
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week
Illinois Articulation Initiative (IAI): AG 907

AGR 299 Topics/Issues in Agriculture 1-3 Hours
An examination of a special topic or current issue within agriculture. Topics will vary by semester and section and will be listed on the course schedule and on the student's permanent academic record. This course may be repeated for credit as topics change, up to a total of three times or a maximum of nine credits. Repeatable: This course may be repeated for credit as topics change, up to a total of three times or a maximum of nine credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/1-3 lab/week

ART (ART)

ART 101 2-D Design Foundations 3 Hours
An introduction to two-dimensional design through the analysis of visual principles as they apply to design problems. Design problem-solving in the studio and on the computer will be accompanied by lectures, demonstrations, and critiques. This is a foundation course for commercial, architectural, and fine arts students. An introduction to color theory is included.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week
Illinois Articulation Initiative (IAI): ART 907

ART 102 3-D Design Foundations 3 Hours
In this 3-D Foundations design course the student will learn how to hone their perceptual skills and sculptural design techniques, apply the elements and principles of design and create visually and conceptually charged works of art. The study of form and structure in three-dimensions including additive, subtractive, replacement, linear and contemporary forms of sculptural design will be accompanied by lectures, demonstrations, and critiques.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

Illinois Articulation Initiative (IAI): ART 908

ART 113 Basic Drawing I 3 Hours
In this beginning drawing course, the student will learn how to hone their perceptual skills and explore a variety of art making materials, tools and techniques. Students will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface. Once the student achieves a level of understanding of the realistic style of drawing they will explore the technical, creative, imaginative and expressive realms of drawing. Students will apply drawing and design theories and produce finished artworks ready for exhibition.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week
Illinois Articulation Initiative (IAI): ART 904

ART 114 Basic Drawing II 3 Hours
An investigation of drawing through the use of color, with an emphasis on observational representation and thematic development through descriptive and expressive means. Topics to be covered include gesture, line, value, perspective, texture, composition, color theory and conceptual exploration. Class sessions will be accompanied by lectures, demonstrations, and critiques.
Prerequisite: ART 113 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week
Illinois Articulation Initiative (IAI): ART 905

ART 119 Art Appreciation 3 Hours
A survey of the visual arts (painting, drawing, printmaking, sculpture and architecture). Examines historical, social and technological factors that contribute to understanding the function and meaning of works of art. This course fulfills a fine arts general education requirement for the non-art major.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F2 900

ART 120 Prehistoric thru Medieval Art 3 Hours
The historical development of the visual arts (painting, drawing, printmaking, sculpture and architecture) in Western society, focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures stressing the major periods and styles of prehistoric, ancient civilized cultures through Medieval Art. This course is one of a three-part series of courses (ART 120, 121, 122) intended to fulfill the art history requirements for the art major, but is also a general education fine arts course.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F2 901

ART 121 Renaissance thru Romantic Art 3 Hours
This is a continuation of Prehistoric through Medieval Art. The historical development of the visual arts (painting, drawing, printmaking, sculpture and architecture in Western society, focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements from Renaissance through Romanticism. This course is a one of a three part series of courses (ART 120, 121, 122) intended to fulfill the art history requirements for the art major, but is also a general education fine arts course. Only one course ART 121 or ART 122) can be used for general education credit.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F2 902

ART 122 Modern Art 3 Hours
This is a continuation of Renaissance through Romantic Art. The historical development of the visual arts (painting, drawing, printmaking, sculpture and architecture in Western society, focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements in Modern societies from Realism through worldwide Contemporary Art. This course is a one of a three part series of courses (ART 120, 121, 122) intended to fulfill the art history requirements for the art major, but is also a general education fine arts course. Only one course (ART 121 or ART 122) can be used for general education credit.:3
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F2 902

ART 203 Oil Painting I 3 Hours
In this oil painting course the student will learn how to hone their perceptual skills and art making techniques. They will apply the elements and principles of design and create visually and conceptually charged works of art. The main practice will be to replicate a three dimensional illusion on a two dimensional surface using painting mediums and techniques. Once the student achieves a level of understanding the realistic style of painting they will explore the technical, creative, imaginative and expressive realms of painting. Students will apply painting and design theories, explore a myriad of materials and techniques and produce finished artworks ready for exhibition.
Prerequisite: ART 101 or ART 113 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 204 Oil Painting II 3 Hours
A further investigation of oil painting with emphasis on observational representation and thematic development through descriptive and expressive means. Topics to be covered include preparation of painting surfaces, creation and use of various painting mediums, composition, color theory and conceptual exploration. Class sessions will be accompanied by lectures, demonstrations and critiques.
Prerequisite: ART 203 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 213 Life Drawing I 3 Hours
In this life drawing course the student will learn how to hone their perceptual skills and art making technique. They will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface, specifically the study of human anatomy, proportion, movement and drawing from life. Once the student achieves a level of understanding of the realistic style of drawing students will explore the technical, creative, imaginative and expressive realms of drawing. Students will apply drawing and design theories, explore a myriad of materials and techniques and produce finished artworks ready for exhibition.
Prerequisite: ART 101 or ART 113 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 214 Life Drawing II 3 Hours
An exploration of figure drawing through the use of various color media. Topics to be covered include basic drawing concepts, structural anatomy, proportions, movement and pictorial form.
Prerequisite: ART 101, ART 113 and ART 213
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 225 Photography I 3 Hours
This course is an introduction to analogue photography, film darkroom procedures and will practice blending alternative, traditional and digital materials, techniques and concepts. In the class students will learn and practice photography for both creative and commercial applications. Students will learn how to operate a camera manually and become proficient in using shutter speeds, apertures and light sensitivity controls. This course will include information on the types and anatomy of the cameras and explore a variety of photographic accessories including both traditional B&W darkroom and digital photographic techniques. In this course students will apply their technical knowledge of photography and create a variety of visually impactful and meticulously produced photographic images. This course also will examine the historical context and contemporary use of photography as an artistic medium in our culture. Students will work to hone their technical skills coupled with their personal creative vision within several photographic genres and create professionally presented works of photographic art.
Prerequisite: ART 101 (may be taken concurrently) or ART 113 (may be taken concurrently) or consent of instructor.

Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 230 Graphic Design 3 Hours
This course is designed to provide students the necessary computer and design skills to begin a career in graphic design. Various fine art and commercial computer art projects will deal with the design and production of images using a variety of materials, tools and techniques applying communication theory. Students will begin to develop a comprehension of the historic, theoretic and practical applications related to art, digital imaging techniques and graphic design and create finished works of commercial and fine art.
Prerequisite: ART 101(may be taken concurrently) or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 250 Sculpture I 3 Hours
An introduction to the basic tools, techniques, materials and thought processes that go into the creation of sculpture. Participants will have the opportunity to create works using techniques such as assemblage, carving, construction, modeling, casting and installation techniques while creating three dimensional sculptures.
Prerequisite: ART 102 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

ART 299 Topics/Projects in Studio Art 1-3 Hours
A study of a special topic or current issue relating to studio art. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record). Repeatable: This course may be taken three times for a maximum of 9 credits.
Prerequisite: ART 101 or consent of instructor
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

BIOLOGY (BIO)

BIO 103 Introductory Biology 4 Hours
An introduction to fundamental principles of biology including: nature of science, basic chemistry, the organization, structure and function of organisms, cell division, reproduction, genetics, evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A., A.S. transfer, and A.A.S. degree students. (For non-science majors.) Credit will not be awarded for both BIO 103 and BIO 104.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week
Illinois Articulation Initiative (IAI): L1 900L

BIO 104 Introductory Biology 3 Hours
An introduction to fundamental principles of biology including: nature of science, basic chemistry, the organization, structure and function of organisms, cell division, reproduction, genetics, evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A., A.S. transfer, and A.A.S. degree students. (For non-science majors.) Credit will not be awarded for both BIO 104 and BIO 103.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): L1 900

BIO 105 Principles of Biology 5 Hours
A survey of the basic principles of biology including nature of science, cells, structure and function of organisms, genetics, evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 (Introduction to Botany) and BIO 131 (General Zoology) is part of the three-semester sequence that satisfies the IAI 910 Biology requirement. Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.
Prerequisite: None
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): L1 910L, BIO 910

BIO 108 Intro to Human Anatomy/Physiol 4 Hours
A study of introductory chemistry, cells, tissues, and structure and function of organ systems including: digestive, respiratory, reproductive, urogenital, cardiovascular-lymphatic, musculoskeletal, nervous, immune, and endocrine systems.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

BIO 109 Human Anatomy & Physiology I 4 Hours
A study of introductory chemistry, cells, metabolic processes, the organization of tissues, the skeletal system, joints and articulation, the integumentary system, micro and macro organization of the nervous system, and somatic and special senses.
Prerequisite: BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

BIO 110 Human Anatomy & Physiology II 4 Hours
A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine, muscular, cardiovascular, respiratory, digestive, urinary, immune, lymphatic, and reproductive systems. Additionally, electrolyte, pH, and water balance and human development will be discussed.
Prerequisite: BIO 109 with a grade of C
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

BIO 111 Introductory Microbiology 4 Hours
A study of the chemistry, structure, metabolism, growth, genetics, ecology, and disease causing abilities of microorganisms. Intensive laboratory exercises will stress aseptic technique, culturing, isolation and microorganism identification using a wide variety of diagnostic procedures.
Prerequisite: BIO 105 with a grade of C or higher or BIO 108 with a grade of C, or higher or BIO 109 with a grade of C, or permission of instructor.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/3 lab/week

BIO 120 Environmental Health 3 Hours
An examination of the environmental effects on human physiological systems, resulting in diverse problems such as heart disease, cancer, and other health related concerns. This course is designed to assist the student in making informed, responsible decisions affecting personal and environmental wellness.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BIO 123 Introduction to Botany 5 Hours
Activities, structure, methods of reproduction, relationships and uses of major types of plant life, with emphasis on flowering plants. This course is designed for the transfer student in agriculture, liberal arts, general education and science majors. This course along with BIO 105 (Principles of Biology) and BIO 131 (General Zoology) is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement.
Prerequisite: BIO 105 with a grade of "C" or higher
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): L1 910 L, BIO 910

BIO 131 General Zoology 5 Hours
An introduction to the principles of classification of animals, followed by a systematic study of invertebrate and vertebrate animals including their morphology, physiology, and natural history. Concepts of evolution, paleontology, and ecology are discussed. This course along with BIO 105

(Principles of Biology) and BIO 123 (Introduction to Botany) is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Â
Prerequisite: BIO 105 with a grade of "C" or higher.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): L1 910L, BIO 910

BIO 140 Environmental Biology 3 Hours
This course concentrates on critical thinking needed to evaluate contemporary environmental issues with the goal of helping students make informed decisions. Basic biology, chemistry, geology and ecological concepts including biogeochemical cycles, population growth, biodiversity and evolution will be tied to environmental topics such as human overpopulation, climate change, pollution, natural resource use and alternate energy sources.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): L1 905

BIO 270 Topics/Issues in Biology 1-3 Hours
A study of a special topic or current issue relating to biology. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record). This course is repeatable two times for a maximum of nine credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec per 1-3 credits.

BUSINESS (BUS)

BUS 103 Intro to Business 3 Hours
Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing, finance, production, accounting, information technology, human resource management and the relationships of business to our society and government and the global economy.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 105 Principles of Sales 3 Hours
An introduction to personal selling for those students whose main interest is in the field of marketing. This course will also provide the necessary skills of personal selling to potential salespeople so they may develop their growing responsibilities more efficiently and effectively to manage the entire value chain within their own organizations, with their suppliers, and with their customers. Potential salespeople will learn the sound skills of partnering and communication in order to develop and maintain strategic alliances within the regional, national, and international business communities. Integration of materials from other business and non-business disciplines will illustrate the application of theories in the practice of selling to deliver total quality. Potential salespeople will examine various methods in which salespeople employ technology to learn about, to connect with, and to build relationships with customers.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 106 Business Mathematics 3 Hours
This course develops an approach to the study of the fundamentals of computational skills used in business. These computational skills may be employed in business/commercial decision making and in general quantitative business situations. Quantitative topics include reinforcement of fundamental arithmetic and mathematical processes, equations and word problems, percentages, decimals and fractions, product pricing and markup policies, bank reconciliations, notes and interest, payroll records, business inventory turnover, and insurance principles. Further topics include the study of business depreciation, business financial statements, business and personal insurance, corporate stocks and bonds, international business, compound interest applications, and business statistics.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 112 Human Relations 3 Hours
Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values, communications, problem solving, motivation and leadership. In addition, human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior, performance, learning, perception, values, and diversity. Communications skills, conflict resolutions, power, politics, ethics, and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change, global diversity, productivity, participative management, and time as well as career management skills are presented and applied.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 155 Materials Management 3 Hours
Materials Management covers the essentials of modern supply chain management, including manufacturing, purchasing, distribution, and quality management, along with the integration of all elements of production planning and control, as well as the impact of technology on warehousing and physical distribution.
Prerequisite: BUS 103
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 205 Principles of Management 3 Hours
Principles of Management analyzes the organizing, planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 210 Marketing 3 Hours
An examination of the fundamental principles and functions of marketing, with emphasis on the tools and techniques by which goods are transferred from producer to consumer, notforprofit marketing, consumer behavior, organizational buying behavior and the relation of marketing to the economic and business structure.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 211 Intro to Internatl Business 3 Hours
This course provides a survey of the world of international business. Topics of study include business operations in different cultures, the impact of geography upon business operations, an understanding of why products are the same or different in countries, varying business practices, as well as the impact of the Internet upon international business. Problems and practices in international business management activities will be analyzed. The issues include American management techniques in foreign settings, comparative management among different countries and the complexity introduced by the management of international companies. The course focuses on international organizational functioning to help the student gain a diversity of views.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 214 Business Statistics 3 Hours
This course is an introduction to business statistics in which methods of collection, presentation and interpretation of quantitative data is studied. Emphasis is placed on the interpretation of data with such topics as averages, dispersion, probability, sampling, tests of significance and simple linear correlation being studied.
Prerequisite: MAT 121 or appropriate placement
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): BUS 901

BUS 215 E-Commerce & Social Media Mktg 3 Hours
This course will cover how a business can market its products, services and ideas using internet technology. Topics will include e-commerce as part of the marketing mix, search engine optimization, selling through the internet, social

networking, blogs, measuring results of the e-commerce strategy and email as permission marketing.
Prerequisite: BUS 103 or BUS 210 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 216 Advertising 3 Hours
The basic principles of advertising, planning and management as it relates to marketing, sequence, including a survey of the major groups of advertising media (printed, broadcast, positive and point-of purchase media) and their application. Emphasis will be placed on the campaign approach to advertising program.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 222 The Legal Environment of Bus 3 Hours
The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law, securities, employment, labor relations, social environment laws, product liability, and consumer protection.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 231 Occupational Seminar I 1 Hour
A seminar designed to complement the student's initial placement in an approved working situation. Instructor approval required for enrollment.
Prerequisite: Completion of 12 hours in major field courses. Concurrent enrollment in BUS 235.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

BUS 235 Occupational Internship I 3 Hours
An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Instructor approval required for enrollment
Prerequisite: Concurrent enrollment in BUS 231.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 15 hours internship/week

BUS 260 Entrepreneurship Principles 3 Hours
Entrepreneurship Principles examines the various skills, habits and mindset essential for a successful entrepreneurial venture. Real world case studies will provide opportunities to analyze why certain businesses fail while others succeed. Students will also encounter exposure to a variety of entrepreneurship ventures through lectures, group discussions, and research that support growth in problem recognition, solution development, and the exploration of career options.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

BUS 270 Topics/Issues in Business 1-4 Hours
A study of a special topic or current issue relating to business. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 12 credits. (Topic to be listed on student's permanent academic record.) Repeatable: This course may be taken 3 times for a maximum of 12 credits.
Prerequisite: None
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-4 lec/week

CHEMISTRY (CHE)

CHE 102 Introduction to Chemistry 3 Hours
A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular, emphasizing electronic structure and periodic law, chemical bonding, stoichiometry, chemical reactions and calculations, acids, bases, salts, and organic compounds. Depth of coverage is designed to meet the needs for the general education physical science requirements Credit will not be awarded for both CHE 102(3 credits) and CHE 103(4 credits).
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): P1 902

CHE 103 Introduction to Chemistry 4 Hours
A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular, emphasizing electronic structure and periodic law, chemical bonding, stoichiometry, chemical reactions and calculations, states of matter, solution chemistry including acids, bases and salts, and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 102(3 credits) and CHE 103(4 credits).
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec./2 lab/week
Illinois Articulation Initiative (IAI): P1 902L

CHE 105 General Chemistry I 5 Hours
This course involves the study of matter, measurements, the periodic table of the elements, atomic structure, basic concepts of quantum theory, bonding, stoichiometry of compounds and reactions, solution chemistry, introduction to acids and bases, thermochemistry, the gaseous state, and basic concepts of the liquid and solid states. This class is for chemistry, engineering, premedical, and science majors.
Prerequisite: One year of high school chemistry or CHE 103 or CHE 102.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 3 lec/3 lab/week
Illinois Articulation Initiative (IAI): P1 902L, CHM 911

CHE 106 General Chemistry II 5 Hours
This course is a continuation of CHE 105. This course involves the study of solutions, acids and bases, equilibria, acid-base equilibria, solubility equilibria, kinetics, thermodynamics, electrochemistry, coordination compounds, and nuclear chemistry. This class is for chemistry, engineering, premedical, and science majors.
Prerequisite: CHE 105 General Chemistry I or equivalent with a C or higher.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 3 lec/3 lab/week
Illinois Articulation Initiative (IAI): CHM 912

CHE 201 Organic Chemistry I 5 Hours
This course covers the following topics: bonding; molecular structure and properties; reactivity and nomenclature of alkanes, cycloalkanes, alkenes, alkynes, alkyl halides, alcohols and ethers; stereochemistry; nucleophilic substitution and elimination reaction; infrared spectroscopy. Laboratory is required. Students should complete both CHE 201 and CHE 202 before transferring to another institution.
Prerequisite: CHE 106 or equivalent with a "C" or better
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 3 lec/4 lab/week
Illinois Articulation Initiative (IAI): CHM 913

CHE 202 Organic Chemistry II 5 Hours
This course covers the following topics: Nomenclature, reactions, and synthesis of aldehydes, ketones, carboxylic acids and their derivatives, aromatic compounds; conjugated dienes, dicarbonyl compounds, amines, amino acids, proteins, carbohydrates, phenols, NMR spectroscopy and MS spectrometry. Laboratory is required.
Prerequisite: CHE 201 Organic Chemistry I with a C or higher.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 3 lec/4 lab/week
Illinois Articulation Initiative (IAI): CHM 914

COMPUTER INFO SYSTEMS (CIS)

CIS 100 Basic Keyboard & Doc Proc 2 Hours
Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 4 lab/week

CIS 101 Fund of Computer Info Systems 3 Hours
This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development, history, growth, and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware, systems software, storage devices, telecommunications, database theory and applications, operating systems, programming languages, software development, systems analysis and design, and management information systems. Issues of computer security, Internet, and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CIS 104 Word Processing Software 2 Hours
This course will familiarize the user with advanced features of word processing. Course emphasis will include: document creation, document deleting and document printing, editing, formatting with fonts, margins, columns, citations, creating and formatting tables, graphics, themes and building blocks, merging, multipage, styles and templates, references, footnotes, integration with Excel and Access, building forms, collaborating and tracking documents customizing Word.
Prerequisite: CIS 109 or consent of instructor
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec/2 lab/week

CIS 106 Spreadsheet Software 3 Hours
This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software, the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate.
Prerequisite: CIS 109 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 108 Database Software 3 Hours
This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system, the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.
Prerequisite: CIS 109 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 109 Introduction to Computers 3 Hours
This introductory course consists of the study ofÂ computer hardware, software, operating systems, communications, networking, Internet, systems and program development life cycles and their role in business decision making. The use of Internet, multimedia, security, and ethics will be emphasized throughout the course. In addition, laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing, electronic spreadsheets, database management, presentation graphics, and Internet.
Prerequisite: None. Students having no experience with computers are encouraged to first take CIS 100-Keyboarding
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week
Illinois Articulation Initiative (IAI): BUS 902

CIS 132 Cloud Productivity 2 Hours
This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration, file sharing, project management, note-taking, communication, and organization. Laboratory experience will be gained with a survey of tools including: Google Apps, Microsoft Office 365, Evernote, cloud-based drives, and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.
Prerequisite: CIS 101 or CIS 109 (concurrent enrollment accepted), or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec/2 lab/week

CIS 134 Website Creation & Management 3 Hours
An introductory course in the fundamentals of web site design and development. Topics include web site planning, typography, images, multimedia elements, publishing, and promoting and maintaining a website. Students will create a functional, effective, and visually appealing web site using a content management system. This class does not use an HTML editor.
Prerequisite: CIS 101 or CIS 109 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 143 Desktop Publishing Software 3 Hours
An introduction to desktop publishing in which students will learn to manipulate, edit, store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms, charts, reports, newsletters, brochures and magazines utilizing the microcomputer.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 1 lec/4 lab

CIS 148 Business Presentation Graphics 1 Hour
This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages, the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.
Prerequisite: CIS 109 or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: .5 lec/1 lab/week

CIS 150 Fund Bus Computer Programming 3 Hours
This course introduces students to programming logic, presenting the techniques of problem analysis and program design. Several business-oriented algorithms will be designed by the student using flowcharts, pseudocode and other programming logic tools.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CIS 151 Network Certification 3 Hours
This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software, and install, configure, and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N+ network certification.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 152 Introduction to Networks (ITN) 3 Hours
This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to LANs, OSI model, cabling, cabling tools, switching, routing, IP addressing, and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems.
Prerequisite: CIS 151 (can be as co-requisite) or approval of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 154 Switching/Routing/Wireless Ess 3 Hours
This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to Switching Concepts, VLANs, STP, DHCP, LAN and WLAN Concepts, Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems.

Prerequisite: CIS 152
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 156 Enterprise Netw/Sec/Automation 3 Hours
This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to Single-Area OSPFv2 Concepts and Configuration, ACL Concepts, NAT, WAN Concepts, VPN, IPSec, Network Design, Network Troubleshooting, Network Virtualization, and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems.
Prerequisite: CIS 154
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 167 A+ Certification 3 Hours
This course offers a hands-on approach to microcomputer maintenance.Â
This course will introduce a history of personal computer evolution as well as the most popular and recent technologies.Â Students will examine the personal computer; laptops and portable devices; current operating systems; printing & scanning techniques; basic networking; safety; and professionalism.Â This course is designed to prepare the successful student for the CompTIA A+ Essentials and A+ Technician exams.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 186 Intro to Virtualization 3 Hours
This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine, its benefits, and be able to describe types of virtualization used for data centers. Additionally, students will be able to describe virtualization, virtual machines, hypervisors, and various standard virtualization platform components and describe the concepts of server, network, storage, and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.
Prerequisite: CIS 101 or CIS 109 or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 187 Intro to Cloud Computing 3 Hours
This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement, maintain, and deliver cloud technologies including network, storage, and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations, manage cloud vendors to control costs, use automation and orchestration to bring business value from cloud solutions, and ensure security of cloud implementations using cybersecurity best practices.
Prerequisite: CIS 151 and 167 recommended (may be taken concurrently)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 194 Managing Modern Windows Device 3 Hours
This course is designed to teach you the foundation knowledge to accomplish the following technical tasks: deploy Windows; manage devices and data; configure connectivity; and maintain Windows.
Prerequisite: CIS 101 or CIS 167 or instructor consent
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 197 Security + Certification 3 Hours
This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organization's electronic data will be addressed. This course prepares students for the current CompTIA's Security+ Certification Exam.
Prerequisite: CIS 151 or CIS 152 or CIS 167 (may be taken as co-requisite) or approval from instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 207 C++ Programming 3 Hours
This course teaches structured computer programming in the C++ language. It emphasizes structured design, and procedural and data abstraction. It covers the fundamental control structures and data types in C++.
Prerequisite: MAT 081 or MAT 090 with a grade of C or better, OR two years of high school algebra with grades of C or better, OR appropriate placement score; AND CIS 150 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CS 911

CIS 208 C++ Programming II 3 Hours
This course builds on the material in CIS 207 in teaching structured programming using the C++ programming language. It emphasizes abstract data types in addition to exploring sorting, searching, and recursion.
Prerequisite: CIS 207
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CS 912

CIS 220 Computer Accounting 2 Hours
This course covers small business accounting using computer software. Topics include creating a chart of accounts, recording customer and vendor transactions, processing payroll, and printing reports. In addition, setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.
Prerequisite: None. (Recommend CIS 109 and ACC 101)
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lec/week

CIS 231 Occupational Seminar 1 Hour
A seminar designed to complement the student's initial placement in an approved working situation.
Prerequisite: Completion of 12 hours in major field courses. Concurrent enrollment in CIS 235.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

CIS 235 Occupational Internship 3 Hours
An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job.
Prerequisite: Concurrent enrollment in CIS 231.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 15 lab/week

CIS 250 Beginning Linux 3 Hours
This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation, management of Linux systems from the command line and the GUI, user administration, file permissions, customization, software configuration, management of Linux-based clients, troubleshooting, and more. Expanded coverage of networking and security are covered. This course covers all the objectives, and will prepare the student for the current CompTIA's Linux+ Certification Exam.
Prerequisite: CIS 151 or CIS 152 or CIS 167, (may be taken as co-requisites), or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CIS 257 Cyber Security Analysis 3 Hours
This course provides the knowledge and skill required to configure and use threat detection tools, perform data analysis and interpret the results to identify vulnerabilities, threats and risks to an organization, with the end goal of securing and protecting applications and systems within an organization. This course is aligned with the CompTIA CySA+ certification and prepares the student for the CompTIA CySA+ exam.
Prerequisite: CIS 151 and CIS 197 (CIS 197 can be taken concurrently)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 290 Introduction to Servers 3 Hours
This course offers a hands-on approach to servers. Topics will include server architecture, server administration, storage, security, networking, disaster recovery, and troubleshooting server hardware and software.Â This accelerated, hybrid course will combine lectures, labs, videos, simulations, and group and individual assignments.

Prerequisite: CIS 194 or approval from instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 291 Intro to Windows Server Admin 3 Hours
This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install, configure, monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services (AD DS) in a distributed environment, how to implement Group Policy, how to perform backup and restore, and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally, this course teaches students how to deploy other Active Directory server roles, such as Active Directory Federation Services (AD FS) and Active Directory Certificate Services (AD CS). This accelerated, hybrid course will combine lectures, labs, videos, simulations, and group and individual assignments.
Prerequisite: CIS 290
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

CIS 299 Topics/Issues in Computer Info 1-4 Hours
A study of a special topic or current issue relating to computer information systems. Topics will vary and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 12 credits (topic to be listed on student's permanent academic record). Repeatable: This course may be taken three times for a maximum of 12 credits.
Prerequisite: CIS 101, 109, or consent of instructor
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-4 lec/week

CRIMINAL JUSTICE (CJS)

CJS 101 Intro to Criminal Justice 3 Hours
The course examines the history, development, and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies, using a general career-oriented approach. Specific lectures include those topics such as criminal law, criminal offenses and offenders, and agencies responsible for the prevention and control of crime.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CRJ 901

CJS 120 Introduction to Corrections 3 Hours
The course is an introduction and analysis of punishment, custody, and rehabilitation as administered by law enforcement, courts, and corrections. It includes an overview of the history, evolution, and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings, and issues of constitutional law related to corrections will also be examined.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CRJ 911

CJS 130 Criminal Investigation 3 Hours
The guidelines and requisites for criminal investigators are defined and developed through a general orientation examining both preliminary and supplementary criminal investigations. Specific types of crime are examined in terms of statutory elements, modus operandi, evidence development and collection, sources of information, interview and interrogation, suspect identification, reporting and courtroom presentation and procedure.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 135 Criminal Law 3 Hours
The factors relevant to resolution and decision in the bringing forth of criminal charges are developed within the adversary system. The basic principles of criminal liability are reviewed laying the foundation for considering specific offenses against property, habitation, and persons. Special consideration is given to the criminal law within Illinois.
Prerequisite: CJS 101 is recommended but not required.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 200 Ethics in Criminal Justice 3 Hours
Ethics is the study of right and wrong, good and evil. It involves all aspects of who we are, our minds, hearts, relationships with each other, and the intentions and motives for our actions. During this course, students become more aware and open to moral and ethical issues in criminal justice and students learn to develop critical thinking and analytical skills causing them to be more personally responsible. The educational process of ethics is recognizing how criminal justice is engaged in a process of authority, coercive power and selective discretionary authority. This course will develop whole sight in creation of a vision of ethical and moral standards within the criminal justice environment.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 208 Juvenile Delinquency 3 Hours
The course is an analysis of the social and psychological factors of delinquent behavior. The practical application of theories, causation, prevention and rehabilitation is considered with regard to programs. The role of the juvenile police, corrections, and probation officers is considered, as well as a look at the Illinois Juvenile Court Act.
Prerequisite: None (CJS 101 is recommended.)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CRJ 914

CJS 231 Criminal Evidence & Procedure 3 Hours
Criminal evidence for police, types of evidence, criminal procedures in various courts, arrest, search and seizure, collection of evidence, discretion and related topics.
Prerequisite: None. CJS 135 is recommended.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 232 Police and Patrol Operations 3 Hours
This course is a study of the responsibility, techniques and methods of police patrol. This includes the areas of patrol distribution, selective enforcement, pull-over and approach methods, emergency pursuit driving, search of suspects and buildings, field interrogations, and procedures in handling police-called-for services.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 233 Community Policing 3 Hours
This course examines proactive community-oriented policing and problem solving (COPPS) in the context of changes in law enforcement agencies and communities. Students will be provided with relevant information to understand the COPPS philosophy and its applications for law enforcement and society. Also, students will gain experience in understanding policy and program development from beginning to end and the process of analyzing problems and setting goals and objectives as well as how to design programs and policies and conduct action planning; and experience the process of implementing, monitoring, and evaluating outcomes through reassessing/reviewing.
Prerequisite: CJS 101 or permission of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CJS 238 Criminology 3 Hours
The course is an analysis of the theories of criminology. Crime in relation to physical and psychological factors, to cultural areas, to the family and to other social institutions will be examined. Consideration is given to professional crime and white collar crime.
Prerequisite: SOC 111
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): CRJ 912

CJS 250 Criminal Justice Practicum 1-3 Hours
A supervised field experience designed to utilize and develop the student's training and educational skills in a specific correctional, law enforcement, or social justice placement.
Prerequisite: Consent of instructor and approval of internship supervisor. Internship approval form to be signed and completed by the intern, internship supervisor, faculty supervisor, and the academic vice-president.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 15 lab/week

CJS 299 Topic/Issues- Criminal Justice 1-3 Hours
A study of a special topic or current issue relating to history. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record.) Repeatable: This course may be taken three times for a maximum of nine credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

COMMUNICATIONS (COM)

COM 131 Intro to Oral Communication 3 Hours
The oral communication course combines communication theory with the practice of oral communication skills. The course: (1) develops awareness of the communication process; (2) provides inventional, organizational, and expressive strategies; (3) promotes understanding of and adaptation to a variety of communication contexts; and (4) emphasizes critical skills in listening, reading, thinking, and speaking.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): C2 900

COM 151 Interpersonal Communication 3 Hours
An introduction to the basic theories and concepts relevant to interperonal interaction. Emphasis is placed on the role of communication in the creation, maintenance, and termination of social, romantic, familial, and professional relationships.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): MC 901

COM 161 Small Group Communication 3 Hours
An introduction to the theory and practice of small group communication. Emphasis is placed on social norms, the nature and types of groups, and leadership development. Students are expected to demonstrate both practical and theoretical understanding of problem-solving, information-providing, decision-making, and conflict management.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): MC 902

COM 181 Intro to Mass Communication 3 Hours
Provides an overview of the nature, functions, and responsibilities of the mass communication industries in a global environment with an emphasis on the media's role in American society.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): MC 911

COLLEGE SUCCESS SKILLS (CSS)

CSS 100 Student Success Skills 1 Hour
This course is designed to help students develop and refine successful learning strategies for their college experience. The course will provide in-depth review of how students learn and interface with the faculty and the institution as a whole. Key elements of the course will include educational goal development, effective use of college textbooks, note taking, and test preparation skills. This course may be repeated two times for students requiring additional development of learning strategies.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

CSS 110 Career Exploration & Planning 1 Hour
Introduction to career exploration and life/work planning. An emphasis is placed on developing skills related to self-awareness, career path choices, life/work decision-making, and effective strategies for career action and success in an evolving work environment.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

CSS 130 Constructive Dialogue/Issues 3 Hours
This course will equip students with information and skills necessary to understand and discuss difficult topics related to social issues and across political differences. Research-based methods for communication, understanding data, and evaluating media sources will provide a foundation for students to engage in guided in-class dialogues.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

CSS 150 Intro/Leadership Prin & Civ En 1 Hour
This course introduces the basic principles of personal and interpersonal leadership that can be applied in various areas of life. It explores factors that impact productivity, effectiveness, and efficiency, as well as a range of interpersonal skill sets. Emphasizing civic engagement and social responsibility, the course covers topics such as vision, goal setting, motivation, decision-making, time management, team building, ethics, managing change, and essential communication skills. Additional topics include developing personal leadership styles and navigating organizational politics.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

SONOGRAPHY (DMS)

DMS 100 Intro to Diagnostic Med. Sonog 3 Hours
History of ultrasound including medical applications. Description of the roles, responsibilities, and rules of the diagnostic medical sonographer. Introduction to the fundamental principles of the use and maintenance of ultrasound equipment. Indications of diagnostic sonography procedures, positioning, safety, and image processing. Legal and ethical issues in an ultrasound department.
Prerequisite: Admission to the Diagnostic Medical Imaging Sonography Program or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

DMS 101 Son Physics/Instrumentation I 2 Hours
Introduction to physics of acoustics and sonographic instrumentation. Production and types of sound waves discussed. Demonstration of propagation of ultrasound through tissues, transducers, pulse-echo instruments, and display methods.
Prerequisite: Admission to the Diagnostic Medical Sonography Program or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec/2 lab/week

DMS 102 Son Physics/Instrumentation II 2 Hours
Continuation of pulse-echo instrumentation including harmonics, image artifacts, and color flow imaging with Doppler instrumentation. Bioeffects and safety in ultrasound imaging. Quality management applied to Sonography.
Prerequisite: DMS 101 or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec/2 lab/week

DMS 103 Son Cross-Sectional Anatomy 3 Hours
Introduction to the basics of cross-sectional anatomy as interpreted on diagnostic sonographic images. Sectional human anatomy in the transverse, sagittal, and coronal planes. Correlation of anatomy with cadavers and ultrasound images.
Prerequisite: Admission to the Diagnostic Medical Sonography program.
Semester Hour(s): 3 hour(s)

Lecture / Lab Hours: 2 lec/2 lab/week

DMS 104 Fundamentals of OB/GYN I 3 Hours
Students will be introduced to the female reproductive system as it relates to Sonography. Topics will include imaging in the first trimester of pregnancy and non-gravid uterus, review of ultrasound images of normal anatomy and pathology, ultrasound appearance of the cervix, uterus, fallopian tubes, ovaries, placenta, and fetus. Management of gynecologic infertility and post-menopausal women will also be discussed.
Prerequisite: Admission to Diagnostic Medical Sonography program or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

DMS 105 Fundamentals of OB/GYN II 3 Hours
Students will be introduced to fetal ultrasound techniques in the second and third trimester. Topics will include multiple gestation pregnancies, antenatal syndromes, congenital fetal disorders, placenta, umbilical cord, and membrane conditions. Fetal growth assessment and management of growth disorders will also be discussed.
Prerequisite: DMS 104 with a grade of C or better, or equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

DMS 106 Abdomen/Superficial Struct I 3 Hours
Students will be introduced to abdomen and superficial structure pathologies seen with ultrasound. Students will learn to identify and document the sonographic appearance of pathologies. The following areas will be discussed: great vessels, inferior vena cava, liver, biliary, pancreas, spleen, urinary system, thyroid, parathyroid, salivary glands, gastrointestinal tract, retroperitoneum, non-cardiac chest, scrotum, and prostate.
Prerequisite: DMS 100, DMS 101, DMS 103, DMS 104, DMS 120, and DMS 121 all with a grade of C or better.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

DMS 107 Abdomen/Superficial Struct II 1 Hour
Continuation of abdomen and superficial structure pathologies seen using ultrasound with emphasis on neonatal and pediatrics. The following areas will be discussed: musculoskeletal, neonatal brain, infant hips, infant spine, pediatric gastrointestinal, pediatric abdomen, pediatric gynecology, and pediatric urinary/adrenal.
Prerequisite: DMS 106
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 108 Legal Issues of Sonography 1 Hour
Students will be introduced to the legal system as it applies to the medical field. Medical malpractice cases will be reviewed and discussed. Students will be taught how to protect themselves from becoming involved in a medical malpractice case.
Prerequisite: DMS 104 and DMS 106 with a grade of C or higher or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 109 Fund of Breast Sonography 1 Hour
Students will be introduced to the fundamentals of breast Sonography. This course reviews the identification of sonographic physics-related artifacts in normal and abnormal breast tissue and anatomy. Correlation with other imaging modalities and surgical techniques in breast pathology are also included.
Prerequisite: DMS 102 with a grade of C or higher, or Registered Diagnostic Medical Sonographer (ARDMS) or ARRT registered sonographer.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 120 Hands-On Scanning Lab 1 1 Hour
Overview and emphasis of principles taught in DMS 100 in Abdominal/Superficial Structures and Obstetrics/Gynecology. Students perform hands-on scanning techniques in the scanning lab. Various scanning techniques are demonstrated on fellow students under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.
Prerequisite: Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 121 Hands-On Scanning Lab 2 1 Hour
Course will expand on and perform principles of Abdominal/Superficial Structures and Obstetrics/Gynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes.
Prerequisite: Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 122 Hands-On Scanning Lab 3 1 Hour
Continuation of principles taught in DMS 121 in Abdominal/Superficial Structures and Obstetrics/Gynecology. Emphasis placed on advanced skills in obstetrical scanning. Students perform hands-on scanning techniques on volunteer patients under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.
Prerequisite: DMS 121 with a grade of C or higher or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 123 Hands-On Scanning Lab 4 1 Hour
The course will expand on principles of Abdominal and Superficial Structures and Obstetrics and Gynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes. Emphasis will be placed on students demonstrating their scanning skills on patient volunteers.
Prerequisite: DMS 121 with a grade of C or higher or consent of instructor
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 130 Case Study Critique I 1 Hour
Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.
Prerequisite: DMS 100, DMS 101, DMS 103, DMS 104, DMS 120, and DMS 121 all with a grade of C or better.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 131 Case Study Critique II 1 Hour
Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.
Prerequisite: DMS 107, DMS 123, and DMS 141 all with a grade of C or better.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 140 Clinical Education I 2 Hours
Students are placed in a healthcare institution to reinforce and broaden knowledge gained in the first semester of the program. Correlation and application of skills learned in concurrent courses DMS 102, 105, 106, and 130. Technical and professional aspects of patient scanning in obstetrics, pelvic, abdominal, and superficial structures.
Prerequisite: DMS 100, DMS 101, DMS 103, and DMS 104.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 12 lab/week

DMS 141 Clinical Education II 2 Hours
Students will participate in a clinical experience in Sonography at a healthcare institution. Students will apply concepts and skills learned in DMS courses at the healthcare institution.
Prerequisite: DMS 140 with a grade of C or better
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 12 lab/week

DMS 142 Clinical Education III 3 Hours
Students will continue Sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS courses at the health care institution.
Prerequisite: DMS 141 with a grade of C or better.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 24 lab/week

DMS 198 Intro Pathophysiology Sonograp 1 Hour
Students will be introduced to physiological processes associated with disease and/or injury in the body systems. Pathology cases are illustrated with review of diagnostic medical imaging studies including Sonography, Computed Tomography, Magnetic Resonance Imaging, Radiography, and Nuclear Medicine.
Prerequisite: BIO 109 or equivalent or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 199 Patient Care Skills 1 Hour
Students will be introduced to patient care skills applied to the role of a Sonographer in an imaging department. Topics will include patient care skills, scanning ergonomics, patient confidentiality, and communication skills with hospital personnel as applied to all areas of sonography.
Prerequisite: Admission to the Diagnostic Medical Sonography program or consent of instructor
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

DMS 200 Abdominal/Peripheral Arterial 2 Hours
Evaluation of blood vessels, their purpose and composition, detailed physiology of the arterial blood flow system, and ultrasound testing with direct and indirect methods. Arterial anatomy of the abdomen, pelvic, and upper extremities as well as the lower extremities will be reviewed. Diseases of the arterial system and their effects will be addressed with indications for ultrasound arterial examinations and treatments.
Prerequisite: Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 220 or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lec/week

DMS 201 Cerebrovascular Ultrasound 2 Hours
Overview of the purpose and composition of blood vessels and the physiology of the cerebrovascular system. Cerebrovascular anatomy is reviewed. Diseases of the cerebrovascular system are addressed with the indications for ultrasound cerebrovascular examinations. A review and demonstration of cerebrovascular ultrasound testing and findings and other laboratory modalities. Treatments for various diseases of the cerebrovascular system are addressed. Cerebrovascular testing as a part of ongoing, post-intervention patent management is included.
Prerequisite: Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 203 and DMS 221 or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lec/week

DMS 202 Abdominal/Peripheral Venous 2 Hours
Overview of the purpose and composition of blood vessels and the physiology of the venous blood flow system. Venous anatomies of the abdomen, pelvis, upper extremities, as well as the lower extremities are addressed. Diseases of the venous system, their effects, and indications for ultrasound venous examinations are included. An overview of the abdominal and peripheral venous ultrasound testing, their findings, and other laboratory modalities. Treatments for various diseases of abdominal and peripheral venous systems are reviewed.
Prerequisite: Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 222 or consent of instructor.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lec/week

DMS 203 Clinical Education Vascular I 3 Hours
Students will participate in a clinical experience in vascular sonography at a healthcare institution. Students will apply concepts and skills learned in DMS vascular courses at the healthcare institution.
Prerequisite: Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 24 lab/week

DMS 204 Clinical Education Vascular II 3 Hours
Students will continue vascular sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS vascular courses at the healthcare institution.
Prerequisite: Admission to the program is required and DMS 203 with a grade of C or better, or equivalent.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 18 lab/week

DMS 220 Abdomin/Peripher Arterial Scan 1 Hour
An overview of abdominal and peripheral arterial ultrasound testing that offers hands-on training in the classroom with vascular ultrasound equipment. Application of principles taught in DMS 200. Various arterial testing techniques and scanning are demonstrated and performed on fellow students under the guidance of the instructor. Proper techniques in these testing modalities are reviewed along with proper identification of the arterial system.
Prerequisite: Admission to Diagnostic Medical Sonography program and concurrent enrollment in DMS 200.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 221 CerebrovascularUltrasound Scan 1 Hour
Continuation of DMS 201 that provides a further understanding of cerebrovascular ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various cerebrovascular testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor, students will practice these techniques on fellow students. Proper techniques in these testing modalities will be reviewed along with proper identification of the cerebrovascular system.
Prerequisite: Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

DMS 222 Abdomin/Peripheral Venous Scan 1 Hour
Continuation of DMS 202 that provides an understanding of abdominal and peripheral venous ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various venous testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor, the students will practice these techniques on fellow students. Proper techniques in these testing modalities are reviewed along with proper identification of the venous system.
Prerequisite: Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 202.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

EARLY CHILDHOOD EDUCATION (ECE)

ECE 109 Found of Infant & Toddler Care 4 Hours
This course provides students with an overview of the development of children birth through age three. Students will explore physical, social, emotional, cognitive, and linguistic growth, as well as factors that affect learning and development. Emphasis will be placed on the role of family and community partnership in effective care-giving programs. Students will also design developmentally appropriate curriculum, including observation and formal and informal assessment techniques. Students will demonstrate understanding of the Infant/Toddler Environment Rating Scale (ITERS) by performing an evaluation in an infant/toddler classroom setting. Students will participate in a minimum of 50 hours of required field experience.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

ECE 114 Child Care and Development 3 Hours
This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical, social/emotional, cognitive, language and aesthetic aspects of development. Development is studied in the context of family, gender, culture, language, ability, socio-economics, diversity and society. Current research and major developmental theories are examined with an emphasis

on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): ECE 912

ECE 115 Intro to Early Childhood Educ 3 Hours
This survey course provides an overview of early childhood care and education including historical and cultural perspectives, organization, structure, programming, and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture, language, race, socio- economic status, gender, ethnicity, and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECE 118 Parent-Teachr-Child-Comm Relat 3 Hours
This course focuses on the child in the context of family, school, and community. An analysis of the contemporary American family will be discussed, with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures, lifestyles, language, and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful family/child relationships through effective use of community and family resources.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): ECE 915

ECE 202 Lang/Literacy Dev/Young Childr 3 Hours
Students will be introduced to the perspectives, concepts, and methods of language and literacy development in young children. Students will focus on the speech and language development of young children ages 0-8, as well as the practices to individualize teaching to support language and literacy development in a diverse classroom. Typical and atypical language development; the diverse factors that influence language and literacy development; developmentally appropriate methods, materials, and environments; and supporting English language learners will be emphasized.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECE 207 Math for the Young Child 3 Hours
This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts: numbers, measurement, shapes, patterns, spatial relations, analysis of data.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECE 228 Child Health-Nutrition-Safety 3 Hours
This course provides an overview of the health, safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting children's diverse needs, the promotion of healthy life style practices, understanding common childhood illnesses and injuries, meeting health, nutrition and safety standards, and planning nutritious meals that are appropriate for each child.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECE 240 Observ & Assess Young Children 3 Hours
This course focuses on authentic, alternative, classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of children's learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations, providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age, individually, linguistically and culturally appropriate formal and informal assessments to gather and share information on each child's skills, abilities, interests and needs, birth through age 8. This class requires a 20 hour observation clinical component.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECE 250 Early Childhood Practicum 2 Hours
A supervised field experience designed to utilize and develop the student's learned training and educational skills in a chosen field. All students are required to spend at least six hours per week at a career education site as agreed upon with the advisor for a total of 90 hours minimum.
Prerequisite: Students may register for practicum only with the consent of the SVCC practicum coordinator and the student's assigned academic counselor. Completion of first and second semester courses in the ECE suggested program required.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 4 lab/week

ECE 275 Curric Dev Early Child Classrm 3 Hours
The principles involved in planning, implementing, and evaluating developmentally appropriate, evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory, philosophy, practice, and development of curriculum based on the needs and interests of young children including those who are culturally, linguistically, and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. Field experiences are required.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ECONOMICS (ECO)

ECO 211 Principles of Macroeconomics 3 Hours
A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism, the role of government and labor, international trade, national income determination and accounting, money and banking, monetary and fiscal policy, and macroeconomic fluctuations.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3/lec week
Illinois Articulation Initiative (IAI): S3 901

ECO 212 Principles of Microeconomics 3 Hours
Introduction to price theories, the behavior of the firm under varying market conditions and the behavior of the consumer.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S3 902

EDUCATION (EDU)

EDU 102 Computer Education for Teacher 3 Hours
This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

EDU 105 Prep for Careers in Education 2 Hours
This course introduces the student to licensure standards, course sequences, and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying

grade levels/ classrooms with the purpose of aiding in choosing the correct licensure path.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lecture/week

EDU 176 Education Observation 1 Hour
This course is designed to introduce students to the process of observing a public school classroom. Students will be introduced to basic methods of observation, observe a classroom for ten hours, keep an observation journal, and reflect upon their observations in classroom discussions and an observation report.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

EDU 210 Diversity in Education 3 Hours
This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection, curricular design, and the relationship between diversity, classroom procedure, and educational policy
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

EDU 220 Educ of the Exceptional Child 3 Hours
An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive, social, physical, and emotional needs. Services and interventions will be examined, including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category, with emphasis on category-appropriate interventions and teaching strategies.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): ECE 913

EDU 221 Children's Literature 3 Hours
This course introduces students to the history, themes, form, and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children, as well as the social and cultural contexts that have influenced the creation and selection of literature for children.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3918

EDU 225 Topics/Issues in Education 1-3 Hours
A study of a special topic or current issue relating to education. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record.) Repeatable: The course may be repeated for a maximum of nine hours when the topics vary.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

EDU 275 Educational Psychology 3 Hours
Educational Psychology is an exploration of psychological concepts as applied to educational practice. This course emphasizes behavioral and cognitive theories, motivation, classroom management, development, intellectual functioning, achievement, assessment, learner differences, and cultural influences on teaching and learning.
Prerequisite: PSY 103
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

EDU 276 Clinical Exper in Education 1 Hour
This minimum 26-clock hour experience is offered to help meet clinical and/ or observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions (tutoring, small group instruction, individual aid) and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques, classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes: This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

ELECTRONICS (EET)

EET 245 Programmable Controllers 3 Hours
This course will cover basic control logic, PLC programming, and using the PLC as a troubleshooting device. Relay-type instructions, timer and counter operations, math and data compare instructions, sequencers, shift registers and program control instructions will be discussed. The course will also cover forcing commands. Programming will use Rockwell Studio 5000 and the primary PLCs used in this class will be the Allen Bradley ControlLogix and CompactLogix series. Course content will be applicable to any PLC using the Ladder Diagram language.
Prerequisite: ELT 120 with a grade of "C" or higher.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

EET 261 Adv Programmable Controllers 3 Hours
This is an advanced course in programmable controllers. The course will be applicable to all modern industrial controllers. The course will cover PLC programming, including advanced programming instructions, networking instructions and applications. Products and processes used to collect information to document and analyze productivity through the use of accurate, versatile, and reliable electronic equipment that range from simple recorders to computer systems will be introduced. SCADA (Supervisory Control and Data Acquisition) systems and interfacing techniques using, Remote Terminal Units (RTU) or other commercial modules will be covered. The use of robotics will be introduced.
Prerequisite: EET 245 with a grade of "C" or higher.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

EET 299 Spec Topics in Electronics 1-3 Hours
A study of a special topic or current issue relating to electronics. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record). Repeatable: This course is repeatable two times for a maximum of 9 credits.
Prerequisite: Consent of instructor
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 0-3 lec/0-6 lab/week

ENGINEERING (EGR)

EGR 103 Engineering Graphics 3 Hours
This course is an introduction to engineering design and graphics, including design problems, sketching, dimensioning, tolerancing, multi-view orthographic representations, auxiliary views, section views, and working drawings. Students are required to use CAD in this course. Sketching and CAD techniques are integrated into the design process. This course is taught as a design studio class, which means that most of the time you will be working with other students in the classroom rather than listening to lectures. This course is also a project-based course with several case studies and one large, project. Students will work in design teams to analyze case studies and to design, prototype, and document a product.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week
Illinois Articulation Initiative (IAI): EGR 941

EGR 250 Internship in Engineering 1 Hour
Participation in a work experience in an area of engineering under supervision of both the College and the employer. Internship objectives will be identified for each student enrolled. Students may enroll in one semester hour at a

time for a total of four semester hours credit. Repeatable: This course may be repeated for a maximum of four credits.
Prerequisite: Sophomore standing.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 5 hours internship/week

EGR 270 Topics/Issues in Engineering 1-3 Hours
A study of a special topic or current issue relating to engineering. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record.) Repeatable: This course is repeatable two times for a maximum of 9 credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

ENGLISH LANGUAGE ARTS (ELA)

ELA 090 English Language Arts 1 Hour
This lecture course provides supplemental, individualized, direct instructional support for writing projects undertaken in English 101.
Prerequisite: Concurrent enrollment with English 101 is required in the following circumstances: Required score on the current English placement chart. This course may be repeated concurrently with ENG 101.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

ELA 095 Developmental Language Arts 4 Hours
This course focuses on developing reading and writing skills required to advance toward readiness for college-level coursework and to meet the needs of most entry-level workplace settings. The course covers fundamental comprehension skills and vocabulary building, as well as sentence-level fluency in composition and instruction in grammar and mechanics within the context of written assignments
Prerequisite: Appropriate placement (see current placement score prerequisite chart).
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

ELA 099 Prep Lang Arts for Coll Stud 4 Hours
This course centers on developing the necessary reading and writing skills required for success in college-level courses. Students will be asked to demonstrate paragraph and essay development, emphasizing purpose, organization, and support, as well as sentence-level grammar skills. In addition, students will achieve college-level reading skills, including basic comprehension, analytical reading, and vocabulary strategies. Application of combined skills will be demonstrated in classroom activities.
Prerequisite: A grade of C or better in ELA 095 (Developmental Language Arts) OR appropriate placement (see current placement score prerequisite chart).
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

ELECTRICAL (ELT)

ELT 101 Electrical Wiring 3 Hours
Students will be introduced to basic electrical wiring as it applies to residential occupancies, placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohm's Law and be taught to wire series and parallel circuits; install single-pole, three-way and four-way switches, duplex receptacles and service panels; and troubleshoot circuits.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

ELT 120 Fund of Elec w/ Applied Math 3 Hours
This course provides basic electricity fundamentals, basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory, schematic and wiring diagram symbols, motor theory, wiring, and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

ELT 259 Industrial & Agric Wiring 3 Hours
This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions.
Prerequisite: ELT 120
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

ELT 261 National Electric Code 3 Hours
A study of National Electric Code specifications with emphasis placed on proper installation of all circuits.
Prerequisite: ELT 101 or ELT 120
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ELT 262 Electrical Controls 3 Hours
Provides the student with sufficient knowledge so that the person is proficient in the installation, servicing and maintenance of the controls used in industry and home.
Prerequisite: ELT 101 or ELT 120
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

ALTERNATIVE ENERGY (ENE)

ENE 130 Photovoltaics 3 Hours
The course will cover the basic principles of photovoltaics and how to effectively incorporate PV systems into stand-alone or interconnected electrical systems. The course will cover site evaluations, operation, design and sizing, installation and advantages and disadvantages of different systems.
Prerequisite: ELT 120 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

ENGLISH (ENG)

ENG 101 Composition I 3 Hours
This course (1) develops awareness of the writing process; (2) provides inventional, organizational, and editorial strategies; (3) stresses the variety of uses for writing; and (4) emphasizes critical skills in reading, thinking, and writing.
Prerequisite: Required placement score on approved English placement test, high school unweighted GPA of 3.0 or higher, or a grade of C or higher in ELA 099.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): C1 900

ENG 103 Composition II 3 Hours
An advanced course in essay writing with emphasis on formal research, ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition, students receive instruction in logic and reasoning, including the fundamentals of argumentative and persuasive writing.
Prerequisite: A grade of C or higher in ENG 101 or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): C1 901R

ENG 111 Bus/Technical Communication 3 Hours
Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda, business letters, instructions, informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. (Not applicable for humanities requirement.)

Prerequisite: ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting, students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ENG 201 Fiction 3 Hours
An examination of the elements of form, methods of analysis and theories of criticism of the short story, the novella and the novel.
Prerequisite: A grade of C or higher in ENG 101 or its equivalent, or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 901

ENG 203 Poetry 3 Hours
By reading, discussing, and writing about poetry, students will encounter a wide range of poetic forms; learn the terminology that identifies elements of poetry (meter, rhyme, imagery, etc.); recognize their own roles as readers in experiencing the meaning of poems; research how poets' lives and diverse cultural surroundings influence and are revealed in their poetry; and explore various approaches to literary criticism.
Prerequisite: Suitable scores on the current English placement test for placing in ENG 101 or grade of "C" or higher in ENG 099.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 903

ENG 206 Topics/Issues in Literature 1-3 Hours
An intensive study of literature based on a specific theme or subject or written by a selected group of authors. The topics of the colloquia will vary from semester to semester and will be announced in each semester's schedule. (Topic to be listed on the student's permanent academic record.) Repeatable: This course is repeatable twice for a maximum of nine credits.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

ENG 212 Women and Literature 3 Hours
In this course, the students will read, discuss and respond to the works of women writers. Students will study the works of women writers from different countries and different time periods as they trace the contributions that women have made to the field of literature. The course will provide an opportunity to explore the place of women in the development of the genres of fiction, poetry and drama. In discussing specific works from a woman's perspective, students will examine the roles women have played in literature.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 911D

ENG 225 American Literature to 1860 3 Hours
By participating in class discussions and reading original works, students will be exposed to and engaged in a broad and intensive study of American literature from the beginning up to 1860. Students will analyze and discuss specific themes, styles, and world views presented in the works. Students will be expected to read and analyze critical commentaries concerning the works. Furthermore, they will become acquainted with the relationships between the works and world in which the authors lived.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 914

ENG 226 American Literature From 1860 3 Hours
By participating in class discussions and reading original works, students will be exposed to and engaged in a broad and intensive study of American literature from 1860 to the present. Students will analyze and discuss specific themes, styles, and world views presented in the works. Students will be expected to read and analyze critical commentaries concerning the works. Furthermore, they will become acquainted with the relationships between the works and world in which the authors have lived.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 915

ENG 227 British Literature I 3 Hours
By listening to lectures and reading original works, students will be exposed to and engaged in a broad and intensive study of British literature from the beginning up to the Romantics. Students will analyze and discuss specific themes, styles, narrative structures and world views presented in the different works. Students will be expected to read and analyzeÂ secondary sourcesÂ concerning the works. Furthermore, they will become acquainted with the relationships between the works and the world in which the authors lived.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 912

ENG 228 British Literature II 3 Hours
By listening to lectures and reading original works, students will engage in a broad and intensive study of British literature from the Romantics through the moderns. Students will analyze and discuss specific themes, styles, narrative structures and world views presented in the different works. Students will be expected to read and analyze secondary sources concerning the works. Furthermore, they will become acquainted with the relationships between the works and the world in which the authors lived.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 913

ENG 230 Minority American Literature 3 Hours
Students will read, discuss, and respond to selected works of minority communities in the United States, gaining insight into the unique voices, experiences, and cultural contributions of these communities. The course will examine themes of identity, resistance, and representation within the context of American society. Through the study of novels, short stories, poetry, and essays, students will examine the cultural, social, and political contexts that shape minority literature and the ways in which it challenges dominant narratives.
Prerequisite: ENG 101 with a grade of C or higher or its equivalent or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H3 910D

ENG 270 Creative Writing 3 Hours
An introduction to the principles, problems and processes involved in writing poetry and fiction. The course includes lectures, readings, and criticism of students' work.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

ENG 271 Creative Writing II 3 Hours
This course focuses on creating a community of writers.Â Students will engage in producing, presenting and publishing original works of poetry and fiction.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

FIRST YEAR EXPERIENCE (FYE)

FYE 101 First Year Experience 1 Hour
The focus of this course is how to be successful in college. Study skills, goal setting, academic planning, time and money management, and information research skills are among the core topics included in this course. Within a supportive environment, students will share their college experiences and develop connections with fellow students and SVCC staff.
Prerequisite: None

Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

GEOGRAPHY (GEO)

GEO 122 Human Geography 3 Hours
An introduction to regional surveys of the basic concepts within human geography. Provides an initial understanding of spatial analysis through traditional and digital tools and uses them to explore cultural phenomena. Introduces regional populations, migrations, languages, religions, and ethnicities as well as their urban, political, and economic constructs. Explores both developed and developing regions and their connections to each other and to the physical and environmental factors that influence their culture.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S4 900N

GEO 299 Topics/Issues in Geography 1-3 Hours
An examination of a special topic or current issue within geography. Topics will vary by semester and section and will be listed on the course schedule and on the student's permanent academic record. This course may be repeated for credit as topics change, up to a total of three times or a maximum of nine credits. Repeatable: This course may be repeated for credit as topics change, up to a total of three times or a maximum of nine credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/1-3 lab/week

EARTH SCIENCE (GSC)

GSC 105 Astronomy 4 Hours
This course presents an overview of the history and development of the grand themes in astronomy. It is designed for students who either need to fulfill a general education laboratory science course or who desire to explore the nature of the universe that they inhabit. The course covers early views of the universe, the development of scientific models and principles, the technological and analytical tools used by astronomers, the nature of the planets and Sun in our solar system, the birth, life, and death of stars and galaxies, the origin and evolution of the universe, and the search for extraterrestrial life in the universe. Credit will not be awarded for both GSC 105 and GSC 106.
Prerequisite: MAT 078 or MAT 081 or MAT 090 (or higher) with a grade of C or better, OR High School Algebra 2 or Math 3 with a grade of C or higher, OR appropriate placement.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab week
Illinois Articulation Initiative (IAI): P1 906L

GSC 106 Astronomy 3 Hours
An introductory survey of the universe which includes the following topics: people's changing ideas about the cosmos; the motion of the stars, moon, planets, and sun in the sky; the physical characteristics of the moon and planets; the formation of the solar system; the properties, structure, origin, and evolution of our sun, the stars, and galaxies. (Credit will not be awarded for both GSC 105 and GSC 106.)
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): P1 906

GSC 115 Environmental Geology 3 Hours
This course deals with geology as it relates to human activities. It will emphasize how geologic processes and hazards influence human activities and how human activities influence our soils, water, atmosphere, the need for energy, waste disposal and environmental laws.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): P1 908

GSC 270 Topics/Issues in the Sciences 1-3 Hours
A study of a special topic or current issue relating to biological or physical sciences. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits. (Topic to be listed on student's permanent academic record. Repeatable: This course is repeatable twice for a maximum of nine credits
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

ADULT EDUCATION (GSP)

GSP 031 ABE Beginning Literacy 1-3 Hours
The purpose of this course is to improve basic skills in language arts, reading, communication, computational skills (math) and writing of beginning level ABE students in order to help them develop their adult roles as productive worker, effective family member, responsible community member and lifelong learner through taking responsibility for their own learning. The goals of the course are to increase students' level of functioning in basic academic, employment and life skills. There is also a Citizenship/Government component for this class. The purpose of this component is to help students become more productive members of the community by understanding the way government works. This course may be taken four times for a maximum of 12 credits. Repeatable: This course may be repeated three times for a maximum of twelve credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-2-3 lec/week

GSP 033 ABE Intermediate Low 1-3 Hours
The purpose of this course is to improve intermediate skills in language arts, reading, communication, computational skills (math) and writing, while incorporating career explorations content. This course will provide guidance to ABE students in order to help them develop their adult roles as productive worker, effective family member, responsible community member and lifelong learner through taking responsibility for their own learning. The goals of this course are to increase students' level of functioning in basic academic skills necessary for life and employment. This course may be taken four times for a maximum of 12 credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: Completion of ABE Beginning or TABE Score of 461-517 grade level equivalency 4 to 5.9.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-2-3 lec/week

GSP 035 ABE Intermediate High 1-3 Hours
The purpose of this course is to improve skills in language arts, reading, communication, computational skills (math) and writing. Development in these areas will support the adult learner in the areas of productive worker, effective family member, responsible community member and lifelong learner. The focus of this course is to provide learning experiences which support the learner taking responsibility for his or her own learning. This course may be taken four times for a maximum of 12 credits. Repeatable: This course may be repeated three times for a maximum of twelve credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: Completion of ABE Intermediate or TABE Score of 518-566/6-8.9 grade equivalency.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-2-3 lec/week

GSP 041 ASE Low 1-3 Hours
The purpose of this course is to build college and career readiness skills. Development of these skills will support the adult learner becoming self-sufficient and promote lifelong learning. The focus of this course is to provide learning experiences that build critical thinking, reflective thinking, and problem-solving abilities. This course may be taken four times for a maximum of 12 credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: Completion of ABE High Intermediate or TABE Score of: reading- 567-595, Math- 566-594/ 9-10.9 grade equivalency.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-2-3 lec/week

GSP 062 ESL: Beginning Literacy 1-4 Hours
This course is designed for ESL students who have little or no literacy skills in English or their native language. The purpose of this class is to introduce English language literacy skills such as recognizing and writing the letters of the alphabet, identifying sound and letter correspondences, recognizing and

writing numbers, responding to basic commands, and answering and asking questions about familiar topics. This course may be taken four times for a maximum of 16 credits. Repeatable: This course is repeatable three times for a maximum of sixteen credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: BEST Literacy Score of 0-20; CASAS Score of 0-180.
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-2-3-4 lec/week

GSP 066 ESL: Intermediate Low 1-4 Hours
Students will develop listening, speaking, reading and writing skills necessary to meet the needs of independent daily living. This course may be taken four times for a maximum of 16 credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: BEST Literacy Score of 64-67; CASAS Score of 201-210.
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-2-3-4 lec/week

GSP 068 ESL: Intermediate High 1-4 Hours
Students will develop listening, speaking, reading and writing skills necessary to meet the needs of independent daily living and enable them to enter the work place. This course may be taken four times for a maximum of 16 credits. Repeatable: This course is repeatable three times for a maximum of sixteen credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: BEST Literacy Score 68-75; CASAS score of 211-220.
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-2-3-4 lec/week

GSP 070 ESL: Advanced 1-4 Hours
This course is designed for ESL students who function independently in the use of English in routine and work-related situations. The purpose of this class is to increase students' fluency in language skills using complex structures. Students focus on academic reading and writing skills within a variety of topics. This course may be taken four times for a maximum of 16 credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: BEST Literacy Score of 76-78; CASAS Score of 221-235.
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1, 2, 3, or 4 lec/week

GSP 075 Health Careers Bridge Course 1.5 Hours
The Health Careers Bridge Course provides adult education learners with contextualized occupation-specific basic skills instruction needed to transition successfully to post-secondary education and employment into the healthcare industry. The Health Careers Bridge Course is designed to fulfill the following objectives: 1. Contextualized instruction to integrate the basic reading, math, and language skills along with health science industry and occupation knowledge. 2. Workforce preparation and career development to include instruction in workplace language, career readiness and exploration, career planning within health careers, and an understanding of the world of work. 3. Transition services that provide students with the information and assistance needed to navigate the process of moving from adult education to credit or occupational programs.
Prerequisite: To participate students must be 17 years of age or older, tested at a 6th grade reading level or higher, and currently enrolled in the adult education program.
Semester Hour(s): 1.5 hour(s)
Lecture / Lab Hours: 3 lec/week for 8 weeks

GSP 076 College/Career Success Course 1 Hour
This course is intended for students enrolled in the Adult Education program. The College and Career Success Course will include the activities designed to increase successful student transition from adult education to post-secondary education and to the workforce.
Prerequisite: To participate, students must be 17 years of age or older, tested at the 6th grade reading level or higher, currently enrolled in the adult education classes, and have completed at least two of the four high school equivalency exams if completing the high school equivalency.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1.5 lec for 10 weeks

GSP 077 Manufacturing Bridge Course 1.5 Hours
The Manufacturing Bridge Course provides adult education learners with contextualized occupation-specific basic skills instruction needed to transition successfully to post-secondary education and employment into the manufacturing industry. The Manufacturing Bridge Course is designed to fulfill the following objectives: (1) Contextualized instruction to integrate the basic reading, math, and language skills along with manufacturing industry and occupation knowledge. (2) Workforce preparation and career development to include instruction in workplace language, career readiness and exploration, career planning within manufacturing, and an understanding of the world of work. (3) Transition services that provide students with the information and assistance needed to navigate the process of moving from adult education to college credit or occupational programs.
Prerequisite: To participate students must be 17 years of age or older, tested at a 6th grade reading level or higher, and currently enrolled in the adult education program. 1.5
Semester Hour(s): 1.5 hour(s)
Lecture / Lab Hours: 3 lec/week for 8 weeks

GSP 080 ASE High 1-3 Hours
A class designed to help prepare adults for the following sections of the GED (General Education Development) test; correctness and effectiveness of expression, interpretation of reading materials in social studies, natural sciences, and interpretation of literary material, mathematics and the Illinois and U.S. Constitution. This course may be taken four times for a maximum of 12 credits. Repeatable: This course may be repeated for a maximum of twelve credits. NOTE: This course may not be counted toward degrees or career certificates.
Prerequisite: Completion of ASE Low or TABE Score of: Reading-596+, Math-595+/11-12 grade equivalency.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-2-3 lec/week

GSP 081 CNA ICAPS Support Course 1 Hour
This course is intended for students enrolled in the Adult Education program who are pursuing the certified nursing assistant (CNA) credential. The CNA ICAPS Support Course provides students enrolled in the Certified Nursing Assistant courses (NRS 101 & 103) and the Medical Terminology course (NRS 116) with contextualized supplemental instruction and academic support.
Prerequisite: To participate, students meet the following requirements: Be 17 years of age or older Have completed a minimum of eight years of grade school Tested at a 7th grade reading level (or higher) using the Test of Adult Basic Education Currently enrolled in adult education classes Completed at least two of the four high school equivalency exams (if completing the GED high school equivalency) Be accepted into the CNA ICAPS program Completed the CNA program orientation as well as all required screenings and qualifications before starting the CNA course
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week for 15 weeks

VOCATIONAL SKILLS (GSV)

GSV 100 Commercial Drivers License 4 Hours
The Commercial Motor Vehicle Safety Act of 1986 (CMVSA) has placed more stringent requirements on licensing of all commercial truck drivers. This four-credit hour course is designed to deliver all of the needed information to take and pass the commercial Driver's License General Knowledge Written Exams in the states of Illinois and Iowa. Along with the Commercial Driver's License required, units on log books and first aid training will be covered.
Prerequisite: Students must provide the institution with a copy of their driving record for the past five (5) years. Students must provide the institution with a physical form verifying completion of a Department of Transportation physical.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

GSV 102 Commercial Vehicle Operation 8 Hours
Professional Commercial Motor Vehicle Operators not only need the necessary information to be successful, but they must be able to operate the tractor-trailer combination in a proficient and safe manner. Students will gain the knowledge necessary to become a commercial vehicle operator and develop the skills and techniques essential to the safe and professional operation of a commercial vehicle.
Prerequisite: GSV 100
Semester Hour(s): 8 hour(s)
Lecture / Lab Hours: 16 lab/week

HISTORY (HIS)

HIS 131 Western Civ to 1648 3 Hours
Origins and development of western civilization beginning with the classical civilization of the ancient world and dealing with the contributions of each major historical group until the emergence of modern Europe in the commercial revolution of the sixteenth century.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S2 902

HIS 132 Western Civ Since 1648 3 Hours
A continuation of the subject material offered in HIS 131. The history of the social, economic, political, and intellectual life of modern times; the French Revolution; the Napoleonic era, nationalism, and imperialism, world wars; the problems of world cooperation; and evaluation of present world problems are studied.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S2 903

HIS 155 African American History 3 Hours
This course focuses on African American experiences and contributions to US history and their broader, cross-cultural influences. Development of relevant African cultures, forced migrations, slavery, emancipation, the struggle for rights, and contemporary issues will be featured prominently.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S2 923D

HIS 221 American History to 1865 3 Hours
Students will examine the first interactions of Native American cultures, European conquerors, and enslaved Africans. They will compare the Spanish, French, and English experiences in North America, and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues, political clashes, and social changes of the Federalist, Jefferson and Jacksonian periods. Students will explore westward expansion, immigration in the north, and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): IAI: S2 900

HIS 222 American History Since 1865 3 Hours
Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution, the Gilded Age, the Great Depression, the two World Wars, the Cold War, the Age of Affluence, and the Struggle For Racial and Gender Equality.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): IAI: S2 901

HIS 231 Topics/Issues in History 1-3 Hours
A study of a special topic or current issue relating to history. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record.) Repeatable: This course may be repeated twice for a maximum of 9 credits.
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

HEATING, REFRIGERATION, AND AIR CONDITIONING (HRS)

HRS 100 EPA Certification 1 Hour
The course will contain all the information needed for a technician to successfully complete EPA certification. This is required to work in the HVAC field.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

HRS 114 Sheet Metal Fabrication 3 Hours
The students will obtain a working knowledge of layout and fabrication of common fittings used today. The student will learn how to use the tooling in a sheet metal shop safely and efficiently. This is a basic class and does not go into advanced layout procedures.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 1 lec/3 lab/week

HRS 120 Basic Refrigeration 3 Hours
This course will allow the student to become proficient in the use of tools and proficient in the correct materials to use for a given task. The tools will be specific to air conditioning operations for proper operations of components and system performance.
Prerequisite: ELT 120 (may be taken concurrently) or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

HRS 130 Basic Heating 3 Hours
This class covers the basic residential forced air heating system. The class will address basic concepts involved in the combustion process for safe operation of a home forced air heating system. Furnace components and parts will be studied and how to properly hook components together for safe and efficient operation. The class will explore different furnace efficiencies and how they differ.
Prerequisite: ELT 120 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

HUMANITIES (HUM)

HUM 112 Film Appreciation 3 Hours
An introduction to film as an art form, emphasizing a study of the aesthetic and production elements of the medium, including narrative genres, directorial style, cinematography, acting and editing.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F2 908

HUM 150 Amer Ethnic Cultural Expressio 3 Hours
Interdisciplinary study of art, architecture, music, literature, history and/or philosophy that expresses the experience and construction of American racial and cultural identities of diverse and underrepresented peoples living in the U.S.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): HF 906D

HUM 210 Intro to the Humanities 3 Hours
Introduction to the Humanities is the study of humanity and its involvement with the arts in society. It is a study of visual arts, music, literature, and philosophy beginning with the Greeks to the 20th century. With lectures, slides, performances, demonstrations, and videos, the student learns how the artist helps us to see that the arts are a reflection of our world.
Prerequisite: n/a
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): HF 900

HUM 213 Topics/Issues in Humanities 1-3 Hours
A study of a special topic or current issue relating to humanities. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits. (Topic to be listed on student's permanent academic record). Repeatable: This course may be taken three times for a maximum of nine credits. (Topic to be listed on student's permanent academic record.)
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

INDEPENDENT STUDY (IDS)

IDS 298 Independent Study 1-4 Hours
A course designed for students desiring in-depth studies to augment existing courses. Independent study opportunities are available on an individual or collective basis. Individual projects are planned jointly by the student and an appropriate instructor, may generate from one to four credit hours (with no more than four semester credit hours or the equivalent in independent study to be completed for an associate degree program, and no independent study courses approved for the certificate level programs), are subject to instructor and department approval, and may be subject to prerequisites deemed appropriate in particular instances. Collective projects are planned and offered by an instructor as a special topics class within his/her discipline, subject to departmental approval. These projects may generate from one to four credit hours (with no more than four semester credit hours or the equivalent in independent study to be completed for an associate degree program and no independent study courses approved for the certificate level programs) and may be subject to prerequisites deemed appropriate in particular instances.
Prerequisite: None
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-4 lec/week

INDUSTRIAL / TECHNICAL (IND)

IND 108 Introduction to CAD 2 Hours
An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including: design problems, sketching, dimensioning, tolerancing, orthographic projection, sectional views, and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec/2 lab

IND 118 Mechanical Systems 3 Hours
.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components, their relationships to each other, and failure prediction. General rigging will also be covered.
Prerequisite: ELT 120 (may be taken concurrently) or MAT 106 (may be taken concurrently)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 125 Machining & Manufacturing Proc 3 Hours
This course is an examination of the use and capabilities of the major machine tool groups, including foundry, their use in industry and the problems and properties of metal fabrication associated with each type. This is a manufacturing technique and basic machining course.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 203 Adv Machining & Manufac Proc 3 Hours
An examination of the use and capabilities of the machine tool groups. An advanced course for students wishing to have a comprehensive knowledge of machine shop operations in terms of set-up, machine feeds, tool and cutter sharpening, and electrical discharge machining.
Prerequisite: IND 125 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 207 Computer Numerical Cont Prog I 3 Hours
This Computer Numerical Control Programming I course is designed to introduce to students the various processes involved in programming a CNC machine. Setting data points, programming different milling events, set-up functions, and repeat functions will be examined. This course will use CNC Mills, CNC Lathes, CNC plasma cutter, and 3D printing. This course is designed to prepare students who are looking for a position in the metalworking industry.
Prerequisite: IND 203 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 208 Comp Numerical Control Prog II 3 Hours
This course will build on the CNC programming knowledge and skills learned in IND 207 - Computer Numerical Control Programming I. Â Students will be expected to program more advanced CNC machining processes, as well as identify the various types of CNC machines and programming functions used outside of the classroom. Â Industry tours will be a part of the course to give students a basic understanding of the diversity of types and uses of CNC machines.
Prerequisite: IND 207
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 218 Fluid Power 3 Hours
This course will combine the operating fundamentals of hydraulic and pneumatic controls and operations. Students will read and interpret prints using proper symbols and documentation. Students will be able to design and assemble a complete fluid power system using the correct calculations for proper sizing of equipment.
Prerequisite: ELT 120
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 219 Industrial Troubleshooting 3 Hours
Students will learn to systematically troubleshoot equipment and control systems used in industry. This course will start with analyzing troubleshooting theory and flowcharts and evolve into actual hands-on troubleshooting of simulated industrial machinery.
Prerequisite: ELT 120 and ELT 262 (may be taken concurrently) or consent of instructor
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

IND 250 Industrial Internship 1-3 Hours
Participation in a work experience in an area of technology under supervision of both the College and an employer. Internship objectives will be identified for each student enrolled. This course is repeatable two times for a maximum of 9 credits. Repeatable: This course is repeatable two times for a maximum of nine credits.
Prerequisite: Twelve semester hours in major field and consent of instructor.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 5-10-15 hours internship/week

FOREIGN LANGUAGE (LAN)

LAN 161 Beginning Spanish I 4 Hours
A study of functional Spanish with emphasis on speaking the language. Practice in reading and writing simple Spanish.
Prerequisite: None
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

LAN 162 Beginning Spanish II 4 Hours
A continuation of the study of functional Spanish with emphasis on speaking the language. Practice in reading, writing, and speaking simple Spanish.
Prerequisite: LAN 161 or 1 year of high school Spanish.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

LAN 261 Intermediate Spanish I 4 Hours
Continued emphasis on speaking the language. Class discussion based on readings in grammar review text and culture presentations for Spain and South America. Selected Spanish prose readings.
Prerequisite: LAN 162 or 3 years of high school Spanish.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

LAN 262 Intermediate Spanish II 4 Hours
This course is designed to increase proficiency in competencies of speaking, listening, reading and writing in the Spanish language. The course will additionally cover topics and concepts related to the various cultural attributes for the peoples of Spanish speaking countries.
Prerequisite: LAN 261
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): H1 900

LAN 299 Topics/Issues in Foreign Lang 1-4 Hours
A study of a special topic or current issue relating to a foreign language. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (topic to be listed on student's permanent academic record). Repeatable: This course is repeatable two times for a maximum of 9 credits.
Prerequisite: None
Semester Hour(s): 1-4 hour(s)
Lecture / Lab Hours: 1-3 lec/week

MATHEMATICS (MAT)

MAT 021 Support for College Algebra 1 Hour
This course may be taken concurrently with MAT 121, College Algebra. Background topics that are necessary for the student to complete MAT 121 successfully will be covered. Emphasis will be placed on fractions, algebraic expressions, radicals, exponents, polynomials, factoring, and rational expressions. Other topics, at the discretion of the instructor, may be visited to support success in College Algebra.
Prerequisite: An appropriate placement score AND concurrent enrollment in MAT 121.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

MAT 040 Support for Elementary Stats 1 Hour
A course to support General Education Statistics (IAI M1902). Math skills necessary for the successful completion of MAT 240 will be reviewed. Emphasis will be on number sense, decimal, and percent relationships, reading graphs and charts, and linear equations. Other topics may be visited, as necessary, to support success in elementary statistics.
Prerequisite: An appropriate placement score AND concurrent enrollment in MAT 240.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

MAT 078 Prep. Math for Non-STEM Majors 4 Hours
This course is to prepare students for college-level liberal arts math, technical math, or general statistics courses through content that is relevant for non-STEM majors. Topics in this course incorporate real-life applications while teaching prealgebra, numerical, algebraic, geometric, and measurement concepts; along with an introduction to probability and statistics.
Prerequisite: An appropriate placement score.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

MAT 090 Prep Math/College Algebra/Geom 4 Hours
This course is designed for students who need to prepare for college algebra or who need a review of algebra fundamentals. It covers key topics, including the real number system, simplifying expressions, solving and graphing linear equations, linear inequalities, problem-solving, solving systems of linear equations, exponent properties, polynomials, factoring, and simplifying rational expressions.
Prerequisite: An appropriate placement score
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

MAT 106 Applied Mathematics 3 Hours
Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics, algebra, geometry, right triangle trigonometry, business mathematics, and statistical concepts which are applied to the solution of practical problems. Scientific notation, metrics and use of the calculator are also covered.
Prerequisite: A grade of C of better in MAT 075 or MAT 078 (or higher), OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

MAT 110 Math for Elementary Teachers I 3 Hours
The emphasis of this course is placed on mathematical reasoning and problem-solving as it pertains to modern elementary school mathematics. Topics include sets & logic, basic problem solving, number theory, fractions, decimals, integers, ratios, proportions and percent, and the real number system.
Prerequisite: A grade of C or better in MAT 081 or MAT 090 OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

MAT 111 Math for Elementary Teacher II 3 Hours
This course is a continuation of MAT 110. Topics include algebraic thinking, introductory probability, statistics, measurement, geometry, and transformations.
Prerequisite: MAT 110 with a grade of C or higher.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week
Illinois Articulation Initiative (IAI): M1 903

MAT 112 Quantitative Literacy 3 Hours
This course develops conceptual understanding, problem-solving, decision-making, and analytic skills dealing with quantities, their magnitudes, and interrelationships using technology. The topics of numbers, algebra, measurement, and data analysis will be covered, emphasizing modeling using linear and exponential functions. Students will cultivate critical thinking skills, including logical reasoning, estimation, and the assessment of validity.
Prerequisite: A grade of C or better in MAT 078 or MAT 081 or MAT 090; OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): M1 901

MAT 115 Principles of Modern Math 3 Hours
This course includes the investigation of the key ideas in contemporary mathematics. In-depth, three or four topics will be studied, with at least three chosen from the following list: geometry, combinatorics and probability, graph theory, logic and set theory, mathematics of finance, and statistics. These topics are taught with an emphasis on problem-solving. This course serves as a general education mathematics course for liberal arts majors.
Prerequisite: A grade of C or better in MAT 078 or MAT 081 or MAT 090; OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): M1 904

MAT 121 College Algebra 4 Hours
Topics extended to the college level include: real numbers, exponents and radicals, polynomials and factoring, fractional expressions, equations and inequalities, functions and their graphs, conic sections, and systems of equations and inequalities. New topics include: zeros of polynomial functions, rational functions, exponential and logarithmic functions, matrices, sequences, and the Binomial Theorem. This course requires a graphing calculator.
Prerequisite: A grade of C or better in MAT 081 or MAT 090 (or higher) OR concurrent enrollment in MAT 021 OR appropriate placement.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

MAT 122 Trigonometry 3 Hours
This course consists of an elementary survey of trigonometry and its applications. Topics include a review of prereq topics, radian measure and the unit circle, trigonometric functions and their graphs, and inverse trigonometric functions. Also included are trigonometric identities and

equations, the solution of right and oblique triangles, vectors, and a review of exponential and logarithmic functions and their applications.
Prerequisite: A grade of C or better in MAT 121 or higher OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

MAT 150 Computer Prog Math & Engineer 3 Hours
The syntax of a high-level programming language is studied and applied to problems in mathematics, science and engineering. An emphasis is placed on the structured development of algorithms to solve these problems. The programming language features that lend themselves to problems in these areas such as special variable types, library and user defined functions, and subprograms are dealt with in more detail. Applications involving methods of finding roots of functions, numerical techniques of integration and differentiation, vector and matrix operations included.
Prerequisite: MAT 203 with a grade of C or better.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

MAT 203 Calculus & Analytic Geometry I 4 Hours
The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits, continuity, the derivative, rules of differentiation, the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are: related rates, graphing, extreme value problems, and Newton's method for finding roots of equations.
Prerequisite: A grade of C or better in MAT 121, College Algebra, AND MAT 122, Trigonometry OR appropriate placement (see current placement score chart)
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): M1 900-1, MTH 901

MAT 204 Calc & Analytic Geometry II 4 Hours
The methods of differentiation and integration are extended and power series are introduced. The new methods deal with: logarithms, exponential, hyperbolic and inverse trigonometric functions. Some applications are: area between two curves, volumes of revolution, arc length, and work. The techniques of integration by parts, partial fractions, trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced.
Prerequisite: MAT 203 with a grade of C or higher.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): M1 900-2, MTH 902

MAT 205 Calc & Analytic Geometry III 4 Hours
The elementary ideas concerning conic sections, polar curves, and vector-valued and multivariate functions are covered. These topics include: area, arc length and tangents for polar curves. In addition, vectors, vector derivatives, curvature and motion in two and three space are studied. The multivariate concepts of differentiability, partial differentiation, gradient vectors, LaGrange multipliers, finding relative extreme values, and multiple integration are studied. The course also includes material on vector fields, line integrals, independence of path, Green's Theorem, surface integrals, the Divergence Theorem, and Stokes's Theorem.
Prerequisite: MAT 204 with a grade of C or higher.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): M1 900-3, MTH 903

MAT 211 Differential Equations 3 Hours
This course is an introduction to methods of solving differential equations as well as applications of differential equations to physical problems. The methods for solving first-order differential equations include: numerical techniques, separation of variables, substitution methods, exact equation techniques, and identification of integrating factors. Also, some types of higher order equations will be explored, including application problems. Linear independence and the Wronskian of higher order equations will be covered. Methods for solving second-order homogeneous and non-homogeneous equations include the methods of undetermined coefficients, reduction of order, and variation of parameters. At least two of the following topics will be covered in depth: LaPlace transforms, power series methods, partial differential equations and Fourier series, systems of linear differential equations, further numerical methods and non-cursory treatment of other advanced topics.
Prerequisite: Grade of C or better in MAT 204, Calculus and Analytic Geometry II
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): MTH 912

MAT 220 Finite Mathematics 3 Hours
A study of some major topics in finite mathematics: interest, annuities, matrix theory, matrix operations, solutions of systems of inequalities, linear programming by graphing and Simplex methods, principles of counting and probability. Applications of these topics in business management, economics, social science, and natural science are included.
Prerequisite: Grade of C or better in MAT 121 OR appropriate placement (see current placement chart)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): M1 906

MAT 221 Calc for Bus & Soc Science 4 Hours
A brief course in elementary differential and integral calculus. Primarily for students of business, economics and social science, with emphasis on applications.
Prerequisite: MAT 121 with a grade of C or higher or appropriate placement score, or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): M1 900-B

MAT 230 Discrete Mathematics 3 Hours
Introduction to analysis of finite collections and mathematical foundations of sequential machines, computer system design, data structures and algorithms. Includes sets and logic, counting, recursion, graph theory, trees, nets, Boolean algebra, automata, formal grammars and languages and algorithm analysis (big O)
Prerequisite: a grade of C or better in MAT 121 (College Algebra) or higher OR appropriate placement (see current placement chart)
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): M1 905, CS 915

MAT 231 Linear Algebra 3 Hours
This course is an introduction to the mathematical theory and application of matrices, vectors, vector spaces, and linear transformations. Topics include the algebra of matrices for solving systems of linear equations, the theory of finite-dimensional vector spaces, and theorems and applications associated with eigenvectors and eigenvalues. Students will construct proofs of propositions involving the following: matrices, determinants, vector spaces and inner product spaces. Applications of linear algebra will be examined.
Prerequisite: A grade of C or better in MAT 204
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): MTH 911

MAT 240 Elementary Statistics 3 Hours
An introduction to basic concepts in statistical methods including measures of central tendency, measures of dispersion, probability, theoretical and empirical distribution, estimation, tests of hypotheses, linear regression and correlation.
Prerequisite: A grade of C or better in MAT 078 or MAT 081 (or higher) OR concurrent enrollment in MAT 040 OR appropriate placement.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): M1 902

MULTIMEDIA CONTENT CREATION (MCC)

MCC 103 Studio Photography and Editing 3 Hours
An overview of the basic concepts of camera control, lighting and composition, as well as shooting techniques for digital photography will be presented. File management and image manipulation will be included.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

MCC 105 Motion Graphics and Animation 3 Hours
An overview and application of motion graphics and animation. Industry-standard software will be used to create motion graphics and animation, including 2D, 3D and practical styles of animation.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

MCC 236 Video Production and Editing 3 Hours
An overview of the basic concepts of video production including pre-production, production, and post production. Video editing for movies, television and web will be explored. File management and video manipulation will be included.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab/week

MCC 238 Website and App Design 3 Hours
An overview of web and app creation as well as social media. This includes technical, visual, and social impact and ethics.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 6 lab

MUSIC (MUS)

MUS 201 Music Appreciation 3 Hours
A course where the novice can learn, without going into music history, the basic mechanics of all types of music ranging from classical to rock. The course emphasizes what to listen for and to identify factors that influence music (politics, religion, technology, philosophy, etc.). Examples of various arts are used to clarify fundamental concepts for those who have no experience in the field of music. (Open to all students.)
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): F1 900

NURSING (NRS)

NRS 051 Integration to Nursing Prac 1 Hour
This elective course provides student RNs with the opportunity to work with departmental mentoring RNs, facilitating the student's ability to experience real-world patient care. Student RNs will gain skills in patient assessment, prioritization, team collaboration, and provision of care within their scope. This course may be repeated one time for a maximum of two credits.
Prerequisite: NRS 142 Medical Surgical Nursing I with a grade of "C" or better and/or application approval after interview with instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 12 lab/week

NRS 101 Basic Nursing Assistant 4 Hours
An introduction of theory and practice necessary to meet the patient's needs within the scope of the beginning nursing assistant. Topics will include basic information about body structure and function and related terminology, growth and development with emphasis on aging and the role and responsibilities of the nursing assistant to help the client with personal hygiene and mobility within a safe environment. The course includes clinical experience in a subacute health care setting. The student will provide care to individuals who need assistance with the activities of daily living.
Prerequisite: Meet admission criteria of: 1. Candidate must be at least 16 years of age 2. Candidates who do not have a high school diploma or GED must be able to read at grade level 8. Students will be asked to take a reading and math assessment at orientation with results given the first day of class. 3. Candidates meet health and immunization requirements that are detailed at the orientation session. 4. Forms for fingerprint approval will be coordinated with the Health Professions office upon receipt of your orientation/ admission letter. Criminal background checks are required prior to the first day of class for all sections except dual credit.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

NRS 103 Basic Nursing Assistant II 4 Hours
This course will focus on advanced nursing assistant skills. Topics will include the role and responsibilities of the nursing assistant in relation to measuring vital signs, assisting the patient with nutrition, fluid balance and elimination; special procedures, such as the application of heat and cold therapies, admission, discharge and postmortem care. Students will care for patients with common medical surgical conditions, Alzheimer's disease and related dementias. This course includes clinical experience in a subacute health care setting.
Prerequisite: NRS 101
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week

NRS 108 Practical Nursing Fundamentals 13 Hours
This course is designed to introduce the beginning practical nursing student to the profession of nursing with particular focus in the long term care setting. Safe and effective care principles will be applied. The students will be expected to manage hygiene related needs, basic safety, and nutritional provision of oral fluids and foods. Concepts related to assessment, culture, values and ethics, legal aspects, and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration will be introduced. Alterations in bowel and urinary elimination, oxygenation, rest and sleep will be discussed. The concepts of pain, teaching and learning, death and dying, and spirituality will be addressed. The nursing process will be introduced and integrated throughout the course. Knowledge, skills, and attitudes needed to perform competent nursing care will be applied to the care of the geriatric/adult patients. Clinical experience will focus on the basic care of the geriatric/adult resident in the long term care setting.
Prerequisite: Admission to the LPN program.
Semester Hour(s): 13 hour(s)
Lecture / Lab Hours: 8 lec/10 lab

NRS 109 Fd. Mod Bed Nurs II/Repro Hlth 7 Hours
This course includes the knowledge, skills, and attitudes of nursing care related to the following: maternity patient, normal newborn and newborn with complications, pediatric patient, care of patients with sexually transmitted diseases, and pathology and care related to the urinary and reproductive systems (male and female). The clinical/laboratory component will help reinforce knowledge and skills needed with the birthing family, hospitalized child, well child care, and adult patients with selected medical and surgical conditions with a patient-centered focus.
Prerequisite: NRS 108 with a grade of C or better.
Semester Hour(s): 7 hour(s)
Lecture / Lab Hours: 4 lec/6 lab

NRS 110 Foundations Med Surg Nursing I 7 Hours
Topics will include the knowledge, skills and attitudes of nursing care related to gastrointestinal, musculoskeletal, diabetes, respiratory, and cardiovascular and hematologic and lymphatic system disorders. The clinical and laboratory component provides experience in the care of the patient throughout the adult lifespan (ages 18 years through old age) with medical and surgical conditions with integration of the nursing process.
Prerequisite: NRS 108 and BIO 108 with a grade of C or better or permission of instructor.
Semester Hour(s): 7 hour(s)
Lecture / Lab Hours: 4 lec/6 lab

NRS 111 Foundation MedSurg Nursing III 6 Hours
Topics will include the systems and concepts of nursing care related to actual mental health diagnoses or issues and disease states in the systems of endocrine, immune, nervous and integumetary. Evidence based knowledge, skills, and attitudes of practical nursing regarding education, teamwork, and employment opportunities; preparation for licensure; career evaluation; legal responsibilities, and the concept and management of patient centered care are incorporated. The clinical component will provide experience in the adult long term and skilled care nursing settings.
Prerequisite: NRS 109 and NRS 110 with a grade of C or better.
Semester Hour(s): 6 hour(s)
Lecture / Lab Hours: 4 lec/4 lab/week

NRS 113 Drug Dosage Calculations 1 Hour
A course designed to promote competency in calculating commonly encountered drug dosage problems. Conversions between metric and household systems will be covered. Concepts regarding safety in medication administration and interpreting health care provider orders will be included. Students will learn how to calculate oral, parenteral, IV flow rates, critical care and pediatric drug dosage calculations using their calculation method of choice.

Prerequisite: NRS 108 - "C" with concurrent enrollment allowed and BIO 108 - "C" with concurrent enrollment allowed or BIO 109 - "C" no concurrency and BIO 110 - "C" with concurrent enrollment allowed or permission of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lec/week

NRS 115 LPN Intravenous Therapy 2 Hours
The purpose of the Intravenous Therapy Course is to provide the appropriate knowledge, skill, and attitudes to perform selected tasks identified in the Illinois Nurse Practice Act related to intravenous therapy on stabilized patients under the supervision of a registered nurse, physician, dentist or podiatrist.
Prerequisite: NRS 108 with a grade of C or better or current Illinois practical nurse license and/or a sponsoring agency willing to provide a registered nurse preceptor and consent of instructor or concurrent enrollment in NRS 108.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1.5 lec/1 lab/week

NRS 116 Med Terminology for Hea Career 3 Hours
NRS 116 is an internet-based medical terminology course designed for students pursuing health careers. Students will develop knowledge of the foundation of word parts, combining forms, anatomical terminology, and medical terms organized by body systems. The course includes the study of definition and use of medical terms common to many health related disciplines.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

NRS 140 Fund. of Nursing Practice 10 Hours
This course is designed to introduce the beginning student to the profession of nursing in the long term care and acute care settings. Safe and effective care will be emphasized. Students will be expected to manage hygiene related needs, safety, and nutritional provision of oral fluids and foods. Concepts related to assessment, culture, values, ethics, legal aspects, and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration and safe maintenance of an IV infusion will be introduced. Alterations in bowel and urinary elimination, oxygenation, rest and sleep will be discussed. The concepts necessary to support a patient's psychosocial integrity including pain, teaching and learning, death and dying, and spirituality will be addressed. Knowledge, skills, and attitudes needed to perform basic nursing skills competently will be applied to the care of the aged and adult patients with medical/surgical conditions in the classroom, lab and clinical setting. The nursing process will be introduced and integrated throughout the course.
Prerequisite: Admission to ADN program. BIO 109 with a grade of C or better or concurrent enrollment.
Semester Hour(s): 10 hour(s)
Lecture / Lab Hours: 5.5 lec/9 lab

NRS 142 Medical Surgical Nursing I 9 Hours
The fundamental principles previously learned are applied to the management of the perioperative patient, management of patients with problems of the endocrine, nervous, skin, and immune systems. Other concepts include intravenous therapy, fluid & electrolytes, shock, community health nursing, emergency care, bioterrorism, and the concepts of management for safe and effective care. The lab and clinical components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.
Prerequisite: NRS 140 Fundamentals of Nursing Practice or current LPN licensure. NRS 143 with a grade of "C" or better, BIO 110 with a grade of "C" or better or concurrent enrollment or consent of instructor.
Semester Hour(s): 9 hour(s)
Lecture / Lab Hours: 5 lec/8 lab

NRS 143 Pharm for Nursing I 1 Hour
This course is designed to provide nursing students an introduction to the concepts of pharmacology, safe pharmacotherapy and drug administration, gas exchange, comfort, infection, circulation and elimination/absorption. The course emphasizes the adult health care recipient (18->85 years)
Prerequisite: Admission to the ADN program or current LPN licensure. BIO 108 or 109 with a grade of C or better or concurrent enrollment or consent of instructor.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec

NRS 144 Pharm for Nursing II 1 Hour
This course builds on Pharmacology for Nursing I, to provide nursing students a continued introduction to the concepts of pharmacology, safe pharmacotherapy and drug administration as related to homeostasis, the central and peripheral nervous systems, metabolism, psychobiological disorders, sensory disorders, cellular regulation, immunity, and infection. The course emphasizes the adult health care recipient (18->85 years).
Prerequisite: NRS 140 or current LPN licensure. NRS 143 with grade of C or better or consent of instructor. BIO 110 with a grade of "C" or better or concurrent enrollment.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec

NRS 152 Med Surg Nursing I, Modified 6 Hours
The fundamental principles previously learned are applied to the management of the perioperative patient, management of patients with problems of the endocrine, nervous, skin and immune systems. Other concepts include intravenous therapy, fluid & electrolytes, shock, community health nursing, emergency care, bioterrorism, and the concepts of management for safe and effective care. The lab components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.
Prerequisite: Completion of LPN program from an accredited school and current LPN licensure and consent of instructor. Completion of NRS 143, NRS 144, BIO 110 with a grade of "C" or better or concurrent enrollment.
Semester Hour(s): 6 hour(s)
Lecture / Lab Hours: 5 lec/2 lab

NRS 243 Adv Medical Surgical Nursing 9 Hours
Requires students to apply knowledge, skills, and attitudes for or towards the care of adult patients in a simulated laboratory and acute care environments. Complex multisystem disruptions and the subsequent nursing needs for patient care will be experienced. Focus will be on patients with related cardiovascular, peripheral vascular, respiratory, gastrointestinal, musculoskeletal, hematologic, renal, shock and acid/base imbalances. Students will apply the nursing process and utilize information literacy skills to achieve deliberative and competent decision-making that is grounded in evidence based practice to achieve best practice outcomes. Emphasis will be placed on prioritization of care through collaboration with other members of the health care team, patients and their families.
Prerequisite: NRS 142 or NRS 152, and NRS 143, NRS 144, and BIO 110 with a "C" or better.
Semester Hour(s): 9 hour(s)
Lecture / Lab Hours: 5 lec./8 lab

NRS 244 Pediatric Nursing 2.5 Hours
This course explores the physiological alterations of clients with acute and chronic health care needs. Building on the foundations of previous nursing courses and the nursing process, students will examine the impact of and plan nursing care for pediatric clients experiencing acute and/or chronic alterations. Utilizing the nursing process and nursing management, psychosocial and physiological adaptations will be examined in the context of social justice, cultural competence, and equity of health care.
Prerequisite: NRS 142 or NRS 152, and NRS 143, NRS 144, and BIO 110 with a "C" or better.
Semester Hour(s): 2.5 hour(s)
Lecture / Lab Hours: 2 lec/1 lab

NRS 245 Reproductive Health 3.5 Hours
This course introduces and examines past, present and future trends involving male and female reproductive health (from puberty through menopause). Nursing discussions will emphasize and expand student knowledge regarding pregnancy, labor and delivery, postpartum and newborn (antepartum, intrapartum, postpartum and newborn care) for normal and complicated care situations. Lifestyle choices and the effects on an individual's health will be discussed as well as family dynamics, abuse, and reproductive illnesses (diseases/issues). The clinical component will help reinforce knowledge and skills needed in maternal and infant areas concerning assessments, planning, decision making abilities, and critical thinking.
Prerequisite: NRS 142 or NRS 152, and NRS 143, NRS 144, and BIO 110 with a "C" or better.
Semester Hour(s): 3.5 hour(s)
Lecture / Lab Hours: 2 lec/3 lab

NRS 246 Psych/Mental Health Nursing 4 Hours
The course focuses on the concepts related to nurse management of patients with mental illness. Emphasis is placed on the knowledge, skills, and attitudes, such as therapeutic nurse-patient relationship, which are essential to the care of persons with mental health problems. The lab and clinical component provides experience in utilizing the nursing process to meet the needs of patients with varying degrees of illness behavior in the acute, chronic and outpatient settings.
Prerequisite: NRS 142 or NRS 152, and NRS 143, NRS 144, and BIO 110 with a "C" or better.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 2.5 lec/3 lab

NRS 247 Concepts for Nursing Practice 6 Hours
This concept-based learning experience will equip students to enter the workforce as well-prepared novice nurses. The course emphasizes the adult health care recipient (18-85+ years), health and illness, professional nursing concepts, and transition into practice.
Prerequisite: NRS 243 Advanced Medical Surgical Nursing with a grade of "C" or better.
Semester Hour(s): 6 hour(s)
Lecture / Lab Hours: 3 lec/6 lab

PHYSICAL EDUCATION (PED)

PED 100 Spec Topics: Sports Activity 1 Hour
Seasonal sport activity offering; sport topic varies. Instruction, demonstration and practice, fundamental skills, knowledge of rules and strategies of play will be covered. Interclass competition. This course may be repeated three times for a maximum four credits. Repeatable: This course may be repeated three times for a maximum of four credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 104 Cross Country Running 1 Hour
Instruction in cross country running. Skill development in areas of form, pace and finish. Strategies of base, speed work (intervals), and tapering will be taught along with knowledge of current race protocols. Active running experience. This course may be repeated one time for a maximum of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 105 Baseball 1 Hour
Instruction and play in the game of baseball. Skill development in areas of hitting, fielding, base running, pitching, and defensive positioning. Collegiate level offensive and defensive strategies will be taught along with knowledge of current rules and team strategies. Active game scenarios and interclass competitions. This course may be repeated one time for a maximum of two credits. Repeatable: This course may be repeated one time for a maximum of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 107 Track and Field 1 Hour
Instruction in Track and Field. Skill development in areas of running and/or field events. Areas may include sprinting, hurdling, middle distance, distance or relay running, as well as throwing and jumping events. Active participation experience. This course may be repeated one time for a maximum of two credits. This course may be repeated one time for a maximum of two credits
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 114 Softball 1 Hour
Instruction and play in the game of softball. Skill development in areas of hitting, fielding, base running, pitching, and defensive positioning. Collegiate level offensive and defensive strategies will be taught along with knowledge of current rules and team strategies. Active game scenarios and interclass competitions. This course may be repeated one time for a maximum of two credits. Repeatable: This course may be repeated one time for a maximum of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 115 Nutrition and Diet Therapy 3 Hours
This course is designed to provide knowledge about the basic principles of nutrition, nutrition in health promotion and nutrition in health care. The topics of this course include essential nutrients, their sources, absorption, metabolisms and functions, nutrition across the life span and an introduction to clinical nutrition. Credit will not be awarded for both PED 115 and NRS 132. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

PED 121 Basketball 1 Hour
Instruction and play in the game of basketball. Skill development in areas of passing, dribbling, shooting, rebounding, and defensive movement. Collegiate level offensive and defensive systems will be taught along with knowledge of current rules and team strategies. Active game scenarios and scrimmages. This course may be repeated one time for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 123 Conditioning 1 Hour
Instruction is designed to create high intensity, individualized and structured workout routines with emphasis in challenging the participant. Will also include testing and measuring of physical abilities and sports skills. Included are suggestions for relaxation, the effects of exercise and diet on the body, warm-up exercises and self-testing stunts. This course may be repeated for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 126 Tennis 1 Hour
Instruction and play in the game of tennis. Skill development in areas of serve, strokes, footwork, and net play. Collegiate level offensive and defensive strategies will be taught along with knowledge of current rules and doubles play. Active game scenarios and interclass match competitions. This course may be repeated one time for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 127 Volleyball 1 Hour
Instruction and play in the game of volleyball. Skill development in areas of serving, passing, setting, spiking, digging, and blocking. Collegiate level offensive and defensive systems will be taught along with knowledge of current rules and team strategies. Active games scenarios and interclass competitions. This course may be repeated one time for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 134 Golf 1 Hour
Instruction and play in beginning golf. Skill development in areas of full swing, fairway iron and wood play, pitching and chipping, and putting. Collegiate level course management will be taught along with knowledge of current rules and strategies of play. Active golfing experience. This course may be

repeated one time for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 150 Super Circuit Fitness I 1 Hour
Introduction to and participation in an approved cardiovascular, muscular development and/or high intensity interval training program (HITT) through the use of any of the following methods (as pre-determined): sub-maximal weights with multiple repetitions, use of cardio equipment, general strength and flexibility routines, circuit training, etc. Students will seek to improve general and specific levels of fitness. This course may be repeated for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: Physician consent if a person is considered high-risk for heart disease or may have previous injuries.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 151 Super Circuit Fitness II 1 Hour
Introduction to and participation in an approved cardiovascular, muscular development and/or high intensity interval training program (HITT) through the use of any of the following methods (as pre-determined): sub-maximal weights with multiple repetitions, use of cardio equipment, general strength and flexibility routines, circuit training, etc. Students will seek to improve general and specific levels of fitness. This course may be repeated for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: Physician consent if a person is considered high-risk for heart disease or may have previous injuries.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 152 Super Circuit Fitness III 1 Hour
Introduction to and participation in an approved cardiovascular, muscular development and/or high intensity interval training program (HITT) through the use of any of the following methods (as pre-determined): sub-maximal weights with multiple repetitions, use of cardio equipment, general strength and flexibility routines, circuit training, etc. Students will seek to improve general and specific levels of fitness. This course may be repeated for a maximum of two credits. Repeatable: This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: Physician consent if a person is considered high-risk for heart disease or may have previous injuries.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 153 Super Circuit Fitness IV 1 Hour
Introduction to and participation in an approved cardiovascular, muscular development and/or high intensity interval training program (HITT) through the use of any of the following methods (as pre-determined): sub-maximal weights with multiple repetitions, use of cardio equipment, general strength and flexibility routines, circuit training, etc. Students will seek to improve general and specific levels of fitness. This course may be repeated for a maximum of two credits. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: Physician consent if a person is considered high-risk for heart disease or may have previous injuries.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week

PED 208 Techniques/Theory of Coaching 3 Hours
This is an introduction to the theories and principles of coaching. Emphasis will be placed on administrative duties, practice design and implementation, contest preparation, and motivation of participants. The course will also focus on the creation and understanding of the development of a coaching philosophy. It will examine philosophies of notable coaches. The content is applicable to all levels of competition. It will also include professional certifications and development. Students will be eligible for certification via American Sport Education Program.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

PED 213 First Aid 2 Hours
This course will explore the necessary actions to be taken in case of an accident, sudden illness in the home, school, and within the community based on the most current scientific evidence. Topics discussed include but are not limited to: initial scene surveying, checking the victim, basic first aid CPR & AED skills, identifying medical emergencies, and recognizing various injuries. Students successfully completing the course objectives will receive a two-year Certificate of Completion by the American Red Cross (ARC) in Adult and Pediatric First Aid/CPR/AED proficiency. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lec/week

PED 214 Intro to Physical Education 3 Hours
Course covers the historical development, philosophies, aims and objectives of Physical Education. Students will be oriented to the scope and opportunities in the various fields of Physical Education. This course will give the students a basic understanding and knowledge of the major sub-discipline areas within Physical Education. NOTE: All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

PED 220 Rhythms & Games for Children 3 Hours
Methods of administering, supervising and teaching the major areas of rhythms, games, testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

PHILOSOPHY (PHL)

PHL 101 Intro to Logic/Formal Reason 3 Hours
A study of the principles of correct reasoning. Attention will be given to such topics as the logical use of language, types of definition, mathematical logic and methods of science. Emphasis is placed on understanding logical theory and on using techniques of valid reasoning. Although modern symbolic logic may be included in the content, the course will focus on a humanistic approach to logic rather than a mathematical one.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H4 906

PHL 102 Introduction to Philosophy 3 Hours
Students will read, reflect on, and discuss fundamental philosophical questions about topics such as truth, knowledge, personal identity, free will, moral values, aesthetic values, and religious beliefs.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H4 900

PHL 103 Ethics and Social Policy 3 Hours
An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H4 904

PHL 104 World Religions 3 Hours
A comparative study of some of the leading ideas and practices of the world's major religions, including Confucianism, Taoism, Hinduism, Buddhism, Judaism, Christianity, and Islam. Attention will be given also to the primitive roots of civilized religion and to the cultural context in which the various conceptions developed.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): H5 904N

PHYSICS (PHY)

PHY 175 Introduction to Physics 4 Hours
This course covers basic concepts of physics, including units in mechanics, sound, optics, electricity, magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the studentâs life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.
Prerequisite: ELT 120 with a grade of D or higher, OR MAT 078 or MAT 081 or MAT 090 or MAT 106 (or higher) with a C or higher, OR 2 years of high school algebra with a grade of C or higher, OR appropriate placement.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 3 lec/2 lab/week
Illinois Articulation Initiative (IAI): P1 900L

PHY 201 General Physics I 5 Hours
This course is a survey of the general principles of mechanics, sound and heat. It is designed for: (1) those students whose curriculum requires a one-year course in physics (pre-medical, pre-dental, architecture, agriculture, radio communication); (2) engineering students who have not had high school physics; (3) students who have an interest in the field of physics and select it to satisfy the science requirement of their curriculum. The main objective of the course is to acquaint the student with the experimental method, to develop laboratory skills and to present the student with an organized body of knowledge related to physical phenomena encountered in the student's life.
Prerequisite: MAT 121 or higher
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): P1 900L

PHY 202 General Physics II 5 Hours
This course is a survey of the general principles of electricity, magnetism, light and optics, and modern physics. It provides an introduction to the fundamental concepts and mathematics associated with physics as an organized body of knowledge based on the scientific method.
Prerequisite: PHY 201.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec, 2 lab/week

PHY 211 Engineering Physics I 5 Hours
An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics, Newton's Laws, rotational motion, equilibrium, harmonic motion and waves.
Prerequisite: High school physics or PHY 201 and MAT 203.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): P2 900L and PHY 911

PHY 212 Engineering Physics II 5 Hours
An examination of the basic principles of electricity and magnetism with selected topics in electric and magnetic fields, potentials, network theory, dielectric and magnetic properties of matter, capacitance, inductance, dc and ac circuits, Maxwell's equations, and electromagnetic waves.
Prerequisite: PHY 211 and MAT 204 or concurrent enrollment in MAT 204.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): PHY 912

PHY 213 Engineering Physics III 5 Hours
An introduction to heat and thermodynamics, universal gravitation, geometrical and physical optics, the properties of light, relativity, quantum mechanics, atomic and nuclear physics, elementary particles, and solid-state physics.
Prerequisite: PHY 212 and MAT 204.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week
Illinois Articulation Initiative (IAI): PHY 915A

PHY 221 Mechanics I (Statics) 3 Hours
A vector algebra approach to understanding the principles of and problem-solving techniques of both particle and rigid body systems and three dimensions. Topics include rigid body equilibrium and equivalent systems of force, centroids, analysis of structures, and friction.
Prerequisite: PHY 211 and MAT 204 or concurrent enrollment in MAT 204.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): EGR 942

PHY 222 Mechanics II (Dynamics) 3 Hours
A course which begins with a study of particle motion and extends into rigid body motion. The kinematics of motion is explored and dynamic, kinetic, and impulse/momentum concepts are used to solve the equations of motion.
Prerequisite: PHY 221 and MAT 205 or concurrent enrollment in MAT 205.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): EGR 943

PHY 246 Intro to Circuit Analysis 4 Hours
This course is an introduction to methods for analyzing electric circuits using the following elements and methods of analysis: Kirchoff's laws, node and mesh equations, equivalent circuits, operational amplifiers, resistor-capacitor-inductor circuits, sinusoidal steady-state analysis, three-phase circuits, Laplace transforms, transfer functions and frequency response.
Prerequisite: PHY 212 and completion of MAT 211 or concurrent enrollment.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week
Illinois Articulation Initiative (IAI): EGR 931

PHY 247 Circuit Analysis Laboratory 1 Hour
This course presents students with a series of experimental projects that analyze different network configurations. It utilizes circuit analysis methods, such as Kirchoff's laws, nodal and mesh equations, resistor combination laws, the superposition theorem, Thevenin's and Norton's theorems, and phasor analysis to characterize both DC and AC circuits.
Prerequisite: Concurrent enrollment in PHY 246.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week
Illinois Articulation Initiative (IAI): EGR 931L

PHY 270 Topics and Issues in Physics 1-3 Hours
A study of a special topic or current issue relating to physics. Topics will vary from semester to semester and will be listed in the course schedule. The course may be repeated when topics vary. This course may be taken three times for a maximum of 9 credits (Topic to be listed on student's permanent academic record.) Repeatable: This course is repeatable twice for a maximum of nine credits.
Prerequisite: Determined by topics presented.
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

POLITICAL SCIENCE (PSC)

PSC 163 Am Government & Politics 3 Hours
Students will examine American constitutional foundations and democratic values, explore the role of public opinion and the character of the political process, and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work, and improve skills in evaluating and analyzing current public policy issues.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 900

PSC 164 State & Local Politics & Gov 3 Hours
This course is a survey of the institutions, politics and public policies of government in American states and communities. Special emphasis will be given to the State of Illinois and the communities of the Sauk Valley area.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 902

PSC 232 Intro to Comparative Gov 3 Hours
Students will examine political systems in several regions of the world. They will gain an understanding of both the diversities and commonalities of political culture, tradition, and practice in selected nations of Europe, Asia, and Latin America.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 905

PSC 233 Politics of Developing World 3 Hours
Comparative examination of the political systems of selected non-western countries, including institutions, electoral systems, principles of governance, causes of political instability and revolution, and techniques of political analysis.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 906N

PSC 251 Middle East Politics 3 Hours
Religious, political, economic, and social dimensions of life in the modern Middle East. The role of Islam, encounters with Western modernity, Arab-Israeli conflict, and political economy of the region.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 906N

PSC 261 International Relations 3 Hours
This course is an introduction to international relations and world politics. It includes studies of international conflict, a history of war, human rights and genocide, international law and behavior, terrorism, and global economics and poverty. Case studies of current areas of crises will be emphasized.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S5 904

PSYCHOLOGY (PSY)

PSY 103 Introduction to Psychology 3 Hours
This course is designed to introduce the student to major concepts, theories, principles, and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological, behavioral, cognitive, personality, developmental, abnormal, and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S6 900

PSY 200 Human Growth & Development 3 Hours
A study of physical, cognitive, and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized.
Prerequisite: PSY 103 or equivalent.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S6 902

PSY 214 Child Developmental Psychology 3 Hours
Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical, cognitive, and psychosocial domains of child development will be reviewed.
Prerequisite: PSY 103
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S6 903

PSY 215 Social Psychology 3 Hours
Social Psychology is a systematic introduction to theory and research on the ways social factors influence individual and group behavior. Examines attitudes, social perception, establishment of norms, conformity, leadership, group dynamics and research methods. (IAI GECC Code S8 900).
Prerequisite: PSY 103
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S8 900, PSY 908

PSY 217 Abnormal Psychology 3 Hours
Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints, with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders, their symptoms, etiologies, courses, treatment, outcomes, and related research methods and findings are core to the course. Applications to daily life, allied health, criminal justice, human development, and various other clinical settings will be common.
Prerequisite: PSY 103 or consent of instructor.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): PSY 905

PSY 270 Drugs:Examining Effects/Social 3 Hours
This course is designed to improve knowledge about substance use. It will help the student understand the general phenomena of substance use, etiology, psychological and biological effects, impact on individual functioning, legal, social, and treatment issues. Students will acquire a broad overview of the field.
Prerequisite: PSY 103 or consent of instructor. 3
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

RADIOLOGIC TECHNOLOGY (RAD)

RAD 100 Radiologic Technology Intro 0.5 Hours
This course is designed to outline expectations of the Radiologic Technology program, a career in radiologic technology, and options for advancement. Clinical observation in a medical imaging department and simulation testing is a required component of the course.
Prerequisite: None
Semester Hour(s): 0.5 hour(s)
Lecture / Lab Hours: .5 lec/week

RAD 101 Rad Tech Clinical Experience I 3 Hours
Students are oriented to the functions of a hospital radiology department. Students are competency tested in a simulated setting before assignment to a hospital and again in the x-ray department under direct supervision of a registered radiographer in all procedures introduced in RAD 120. Image critique sessions are a regularly scheduled inclusion.
Prerequisite: Admission to Radiologic Technology Program; concurrent enrollment in RAD 120.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

RAD 102 Rad Tech Clinical Exp II 3 Hours
The students' information base is expanded with introduction of more complex radiographic examinations in RAD 121 classroom content. The student is again competency tested in the lab before assignment to a hospital and the student remains under direct supervision of a registered radiographer in the radiography department. Students gain additional experience through performance of procedures competently completed in the first semester. Image critique sessions are a regularly scheduled inclusion.
Prerequisite: RAD 101 with a grade of "C" or higher; concurrent enrollment in RAD 121.

Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 16 lab/week

RAD 103 Rad Tech Clinical Exp III 2 Hours
The student will gain experience through performance of procedures competently completed in first two semesters and complete final first-year competency evaluations. The student will perform portable procedures, surgical and emergency room procedures, and other complex problems involving radiographic examinations in these areas.
Prerequisite: RAD 102 with a grade of "C" or better and concurrent enrollment in RAD 122.
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 16 lab/week

RAD 110 Technical Nursing I 1 Hour
This course provides students initial skills and background knowledge to perform basic nursing techniques necessary to function in their specific area of health care. This course includes an introduction to legal and ethical responsibilities, communication techniques, interpersonal relationships, medical and surgical asepsis, vital sign measurement, positioning and transfer techniques, and emergency care.
Prerequisite: Admission to the Radiologic Technology Program
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 3 lec/2 lab for 5 weeks

RAD 111 Technical Nursing II 1 Hour
This course builds on the beginning skills and background knowledge presented in the Technical Nursing I course. This course provides students with more advanced skills and procedures necessary for functioning in their specific area of health care. A review of vital signs assessment, an introduction to oxygen administration along with content for the care of patients with special problems and alternative medical treatments, patients during imaging examinations of the gastrointestinal system, and patients during special procedures. Introduction to pharmacology is included.
Prerequisite: RAD 110 with a grade of "C" or better.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 2 lab/week.

RAD 120 Rad Tech Anat/Positioning I 5 Hours
This course covers an introduction to the medical field and beginning level x-ray examination procedures. Topics include: professional ethics, radiation safety, medical terminology, the radiographic anatomy and positioning of the chest, abdomen and extremities. Introductory information and laboratory practice is provided with relation to radiographic equipment, accessories and exposure factors.
Prerequisite: RAD 100 with a grade of C or higher
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week

RAD 121 Rad Tech Anat/Positioning II 5 Hours
The intermediate level students give attention to specific ethical issues and radiation protection practices. Study of radiographic anatomy and positioning is expanded with attention to skull, spine and contrast studies of the abdominal and thoracic viscera and spine. There is continuing investigation of the theoretical and mechanical factors affecting exposure values. Laboratory practice is provided to give student experience in processing techniques and continued experience in exposure techniques.
Prerequisite: RAD 120 with a "C" or higher.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 4 lec/2 lab/week

RAD 122 Radiologic Physics 3 Hours
An introduction to the basic concepts of radiologic physics, circuitry of radiographic equipment and fundamentals of diagnostic imaging. The theory of x-ray production is related to the structures of the equipment. Theory of x-ray interaction at the atomic level is included.
Prerequisite: MAT 106 or MAT 121 or higher with a grade of "C" or better.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

RAD 200 Venipuncture 1 Hour
The various techniques for obtaining blood samples are taught, emphasis is on quality samples and safety. Injection techniques are emphasized.
Prerequisite: RAD 122 with a grade of "C" or higher.
Semester Hour(s): 1 hour(s)
Lecture / Lab Hours: 1 lec/week

RAD 201 Rad Tech Clinical Exp IV 5 Hours
The student now functions more independently in the radiologic department to master previous skills. Emphasis is placed on examination of trauma patients, surgical radiography and pediatric procedures during day, evening, and weekend shifts with indirect supervision of a registered radiographer. The student becomes involved in special procedure radiography, including assignment for observation in special modalities. Image critique continues and final competency testing is performed by students in areas previously tested.
Prerequisite: RAD 103; concurrent enrollment in RAD 220.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 24 hours internship/week

RAD 202 Rad Tech Clinical Exp V 5 Hours
The student continues to function more independently and performs emergency radiographic procedures during day, evening, and weekend shifts with indirect supervision of a registered radiographer. Image critique continues and final competency testing is performed by students in areas previously tested.
Prerequisite: RAD 201 with a grade of "C" or better; concurrent enrollment in RAD 223.
Semester Hour(s): 5 hour(s)
Lecture / Lab Hours: 24 internship hours/week

RAD 220 Image Production in Radiogr 3 Hours
Emphasis is placed on image production among radiographic accessories including Computed Radiography and Digital Radiography. Evaluation of image artifacts and proper quality control is summarized. Advanced imaging in Fluoroscopy is also associated with image production.
Prerequisite: RAD 122 with grade of C or higher.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

RAD 221 Path/Adv Imag Modal-Diag Imag 4 Hours
The topics covered include computed tomography, magnetic resonance imaging, and sonography. Pathology and diagnosis through imaging as they relate to advanced modalities is introduced. In addition, a review and summary of all radiographic anatomy is provided.
Prerequisite: RAD 122 with a grade of C or higher.
Semester Hour(s): 4 hour(s)
Lecture / Lab Hours: 4 lec/week

RAD 222 Ionizing Radiation in Medicine 3 Hours
This course covers the characteristics of the various applicable ionizing radiations used in diagnostic imaging. Topics include: interactions of radiation and matter, emission spectra, fundamentals of radiobiology, and systemic effects of irradiation to the human body. Radiation safety implications are stressed.
Prerequisite: RAD 221 with a grade of "C" or higher.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 8-week hybrid with 3 hrs/week lecture and online requirements

RAD 223 Cross Sectional Anatomy 3 Hours
Anatomy of the human body will be studied in cross section. Anatomy of the brain, neck, thorax, abdomen/pelvis and the musculoskeletal system will be presented in the axial (transverse), sagittal, coronal, and orthogonal (oblique) imaging planes using multiple diagnostic imaging modalities. Anatomical structure, location, and function will be identified using illustrations and radiographic images comparing computed tomography and magnetic resonance imaging. Angiography, pharmacology and contrast will also be investigated.
Prerequisite: RAD 220 with a grade of "C" or higher or instructor consent with proof of ARRT certification.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

RAD 224 Registry Review 2 Hours
The course is a review of previous course materials and preparation for the Registry Examination in Radiography given by American Registry of Radiologic Technologists. Mock Registry exams included in the content of the course.
Prerequisite: Concurrent enrollment in RAD 222
Semester Hour(s): 2 hour(s)

Lecture / Lab Hours: 2 lec/week

SOCIOLOGY (SOC)

SOC 111 Introduction to Sociology 3 Hours
Students will be introduced to the perspective, concepts, and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family, school, religion, peer groups, and in other social settings.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S7 900

SOC 112 Social Problems 3 Hours
A study of the nature of social problems including strategies for achieving social change. Students will participate in the selection and presentation to the class of the specific problems to be considered. Investigation of local communities will constitute an important aspect of the course.
Prerequisite: None, though SOC 111 is highly recommended.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S7 901

SOC 115 Intro to Anthropology 3 Hours
This course is a study of the biological and cultural origins and variations of human beings.Humans' adaptation to different natural environments and resulting modes of social-cultural systems and behaviors are emphasized via selected case studies of extinct and extant human groups. Principles of human evolution, ethnography and ethnology, archaeology, and linguistics shall be addressed throughout the course.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S1 900N

SOC 116 General Cultural Anthropology 3 Hours
An analysis of the origin and basis of culture - its major components, cultural variation, cultural evolution, and cultural adaptation. Analysis of selected cultures as case studies.
Prerequisite: SOC 115 is recommended.
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S1 901N

SOC 200 Introduction to Social Work 3 Hours
Students will be introduced to the profession of social work with an emphasis on the generalist approach. The course will encourage the student to develop reasoning capacities while examining some of the controversial, contemporary issues in social welfare. Current social services available and gaps in services will be explored by the student. The student will examine the knowledge, skills and values needed for effective social work practice.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week

SOC 231 Topics/Issues in Soc Science 1-3 Hours
This course will be designed to meet the special needs and interests of students on an occasional basis. Topics to be addressed may be from the areas of history, geography, economics, anthropology, sociology, psychology and political science. (Topic to be listed on student's permanent academic record.) This course is repeatable twice for a maximum of nine credits. Repeatable: This course may be repeated twice for a maximum of nine credits. (Topic to be listed on student's permanent academic record.)
Prerequisite: None
Semester Hour(s): 1-3 hour(s)
Lecture / Lab Hours: 1-3 lec/week

SOC 251 Human Sexuality and Marriage 3 Hours
This course is a survey of the contemporary family from historical and cross-cultural perspectives. This course explores the psychological, sociological, and biological perspectives on human sexuality, dating, marriage, singles, families, as well as separation & divorce. Topics addressed will include relationship types, trends in mate selection, marriage, singlehood, family functions & structures, uncoupling, child rearing, work, gender, power, conflict, and communication within the family.
Prerequisite: None, although either PSY 103 or SOC 111 is highly recommended
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 3 lec/week
Illinois Articulation Initiative (IAI): S7 902

UNMANNED AIRCRAFT SYSTEMS (UAS)

UAS 101 Intro to Unmanned Aircraft Sys 3 Hours
An introduction to small unmanned aircraft systems (sUAS) and preparation for the FAA's Part 107 (Remote Pilot) exam. This course does not require previous experience with remote-controlled aircraft. Safety, control, and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec. 2 lab/week

ALLIED HEALTH / CONTINUING EDUCATION (VOC)

VOC 121 CNA Competency-Nursing Admiss 0.5 Hours
This course is designed for students who have a current professional license (MA, EMT, etc.) to show proficiency in basic nursing skills and care to individuals who need assistance with activities of daily living. This course will meet nursing program application requirements.
Prerequisite: Student must have a current professional health care license (MA, EMT, etc.) and be in good standing on the Health Care Worker Registry.
Semester Hour(s): 0.5 hour(s)
Lecture / Lab Hours: 1 lab/week

VOC 176 Pharmacology Non-Licensed Pers 2 Hours
The student will acquire an understanding of basic pharmacology and the effects of several drugs on clients. Instruction will include the uses, sources, forms, and delivery routes of drugs. Knowledge will be gained in the areas of drug classifications, actions, and adverse reactions, along with legal implementation regarding controlled substances and other medications. Current technology will be utilized to master course objectives.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 2 lecture/week

WELDING (WLD)

WLD 101 Industrial MIG Welding 2 Hours
This course is designed to provide students with a thorough understanding of arc welding fundamentals including: welding safety, MIG welding, blueprint reading, welding symbols, AWS 14.3 welding standard, air carbon arc, reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, and groove welds in flat and horizontal position.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec, 2 lab/week

WLD 102 Shielded Metal Arc Welding 3 Hours
This course introduces the fundamental theory, safety practices, equipment, and techniques required for shielded metal arc welding (SMAW) in the flat, horizontal, vertical, and overhead positions. Qualification tests in flat, horizontal, vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec, 2 lab/week

WLD 103 MIG Welding 3 Hours
This course is designed to provide students with a thorough understanding of the Metal Inert gas (MIG) arc welding fundamentals, also referred to as gas metal arc welding (GMAW), including the following topics: welding safety, power sources and wire feeders, machine setup, adjustment and maintenance, identification of welding defects and quality welds, metal

transfer methods, wire selection, shielding gas selection, and testing procedures, Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, groove, and overlap welds in flat, horizontal, vertical, and overhead positions
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec, 2 lab/week

WLD 104 TIG Welding 3 Hours
This course is designed to provide students with a thorough understanding of the Tungsten Inert Gas (TIG) arc welding fundamentals, also referred to as Gas Tungsten Arc Welding (GTAW), including the following topics: welding safety, power sources, machine setup, adjustment and maintenance, identification of welding defects and quality welds, filler wire selection, shielding gas selection, testing procedures, other TIG processes including stainless steel and aluminum. Training to develop the manual skills necessary to make high quality TIG welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, groove, and overlap welds in flat, horizontal, vertical, and overhead positions.
Prerequisite: None
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec, 2 lab/week

WLD 106 Welding Fundamentals 2 Hours
This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas (MIG) arc welding fundamentals, also referred to as Gas Metal Arc Welding (GMAW) and stick welding, also referred to as Shielded Metal Arc Welding (SMAW) including the following topics: welding safety, power sources, and wire feeders, machine set up, adjustment and maintenance, identification of welding defects and quality welds, and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations, single pass, multiple pass, fillet, groove, overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized.
Prerequisite: None
Semester Hour(s): 2 hour(s)
Lecture / Lab Hours: 1 lec, 2 lab/week

WLD 140 Robotic Welding 3 Hours
This course is designed to give students hands-on understanding of robotic are welding. Topics to be covered include safely jogging the robot, setting up welding equipment, robotic welding teach pendent, robotic welding parameters, motion types, programming examples, saving and backing up robot programs and controller files. Students will develop robotic welding programs using robot controllers application software and hardware.
Prerequisite: WLD 103 MIG Welding or WLD 106 Fundamentals of Welding. Corequisite: WLD 103 or WLD 106 can be taken concurrently with WLD 140
Semester Hour(s): 3 hour(s)
Lecture / Lab Hours: 2 lec/2 lab/week

PROGRAMS

ACCOUNTING

Accounting - Associate in Applied Science (021)

This program prepares the student for entry-level positions or to be a junior member of the accounting staff of a private business, industrial enterprise, public accounting firm, or governmental agency. Emphasis is on the financial record-keeping aspects of accounting and the preparation and analysis of reports as a basis for managerial decisions.

Work and Employment

Accountants generally work in one of four major areas. Public accountants are employed primarily in auditing, taxation, or consulting businesses. Management accountants handle the financial records (such as taxes, budgeting, costs, and investments) for a company. Government accountants maintain and examine the records of government agencies and audit private businesses which are subject to government regulations. Internal auditors review their company's operations.

Special Considerations

Students who are interested in a bachelor's degree in accounting or in pursuing a CPA should follow the guidelines for the associate of arts business transfer program described in this catalog.

Accountants usually have the following skills and aptitudes: work carefully and accurately, able to analyze and interpret figures, able to work with numbers, follow directions well, dependable and honest, neat and orderly, display mathematical aptitude.

Program Contacts at Sauk Valley Community College

- Geoffrey A. Lemay, CPA, MBA, Assistant Professor of Accounting 815-835-6328

Total Hours Required - 62 Hours

Major Field Requirements - 46 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

ACC201	Intermediate Accounting I	4 Hours

This course provides an in-depth analysis of the theory concepts and procedures underlying the preparation of external financial accounting statements and reports for corporate organizations. Accounting principles and concepts are analyzed and developed from a theoretical conceptual and historical environment and are then applied to specific business transaction and decision situations. Topical coverage includes review of the financial accounting process statements of income retained earnings cash flows and balance sheet time value of money concepts cash and receivables valuation of inventories acquisition and disposition of property plant and equipment depreciation and depletion and intangible assets. Prerequisite ACC 102 Semester hours 4LectureLab Hours 4 lecweek

ACC202	Intermediate Accounting II	4 Hours

This course a continuation of Intermediate Accounting I provides an in-depth analysis of the theory concepts and procedures underlying the preparation of external financial statements and reports for corporate organizations. Accounting principles and concepts are analyzed developed and then applied to specific business decision situations. A thorough examination of long-term liabilities stockholders equity accounting changes financial analysis and financial reporting through both manual and automated accounting systems is developed.Prerequisite ACC 201Semester hours 4LectureLab Hours 4 lecweek

ACC203	Cost Accounting	3 Hours

A study of managerial and cost accounting concepts in planning control and decision-making. Topics include product costing cost drivers cost-volume-profit analysis activity based costing budgets standard costs just-in-time applications and capital budgeting issues. Prerequisite ACC 102 Semester hours 3 LectureLab Hours 3 lecweek

ACC204	Tax Accounting	3 Hours

This course provides an introductory study of the current federal revenue acts as they relate primarily to individual income tax theory and practice. Topical coverage includes the individual income tax return gross income inclusions and exclusions business expenses and retirement plans self-

employed and employee expenses itemized and other deductions credits and special taxes accounting periods accounting methods depreciation capital gains and losses and payroll taxes. In addition to individual income tax theory and practice an overview of partnership and taxation corporate taxation and tax administration and planning is provided.Prerequisite ACC 101Semester hours 3LectureLab Hours 3 lecweek

ACC205	Accounting Information Systems	3 Hours

Accounting Information Systems examines the relationships and distinctions between accounting information systems AIS and the total management information system MIS environment with major emphasis on computerized AIS. The AIS course will explore in detail several typical AIS application sub-systems such as a order entrysales b billingreceivablescash receipts c inventory d purchasingpayablescash disbursements e payroll and f materials planningproduction. Major themes throughout the AIS course will focus upon a oral and written communication b objectives and procedures of internal control typical business documents and reports d proper systems documentation through charting devices and e systems analysis and design methodologies. Additional specific AIS themes to be explored include a The impact of emerging information technologies on the AIS and related systems b The implications of business process re-engineering initiatives on AIS design implementation and management and c Preparing to be as an accountant an effective user evaluator and developer of accounting information systems.Prerequisite ACC 102 Semester hours 3 LectureLab Hours 3 lecweek.

ACC207	Acct/Gov & Not-For-Profit Org	3 Hours

This course covers the basic accounting concepts and issues associated with non-profit and governmental organizations. The primary focus is on municipal accounting applications funds governmental activities and business-type activities.Prerequisite ACC 102Semester hours 3LectureLab Hours 3 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS231	Occupational Seminar I	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Instructor approval required for enrollment.Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in BUS 235. Semester hours 1LectureLab Hours 1 lecweek

BUS235	Occupational Internship I	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Instructor approval required for enrollment Prerequisite Concurrent enrollment in BUS 231. Semester hours 3LectureLab Hours 15 hours internshipweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

General Education Requirements - 15 Hours

Course #	Course Title	Hours
	Communications (ENG101 required, and one of the following: COM131, ENG103, ENG111)	6 Hours
	Humanities / Fine Arts	3 Hours
ECO211	Social Science (ECO211 required)	3 Hours
	Mathematics (MAT106 or Higher)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 14 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Mathematics (MAT106 or Higher)	3 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

- OR -

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

- OR -

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

Third Semester - 16 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
ACC201	Intermediate Accounting I	4 Hours

This course provides an in-depth analysis of the theory concepts and procedures underlying the preparation of external financial accounting statements and reports for corporate organizations. Accounting principles and concepts are analyzed and developed from a theoretical conceptual and historical environment and are then applied to specific business transaction and decision situations. Topical coverage includes review of the financial accounting process statements of income retained earnings cash flows and balance sheet time value of money concepts cash and receivables valuation of inventories acquisition and disposition of property plant and equipment depreciation and depletion and intangible assets. Prerequisite ACC 102 Semester hours 4LectureLab Hours 4 lecweek

ACC203	Cost Accounting	3 Hours

A study of managerial and cost accounting concepts in planning control and decision-making. Topics include product costing cost drivers cost-volume-profit analysis activity based costing budgets standard costs just-in-time applications and capital budgeting issues. Prerequisite ACC 102 Semester hours 3 LectureLab Hours 3 lecweek

ACC205	Accounting Information Systems	3 Hours

Accounting Information Systems examines the relationships and distinctions between accounting information systems AIS and the total management information system MIS environment with major emphasis on computerized AIS. The AIS course will explore in detail several typical AIS application sub-systems such as a order entrysales b billingreceivablescash receipts c inventory d purchasingpayablescash disbursements e payroll and f materials planningproduction. Major themes throughout the AIS course will focus upon a oral and written communication b objectives and procedures of internal control typical business documents and reports d proper systems documentation through charting devices and e systems analysis and design methodologies. Additional specific AIS themes to be explored include a The impact of emerging information technologies on the AIS and related systems b The implications of business process re-engineering initiatives on AIS design implementation and management and c Preparing to be as an accountant an effective user evaluator and developer of accounting information systems.Prerequisite ACC 102 Semester hours 3 LectureLab Hours 3 lecweek.

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Fourth Semester - 16 Hours

Course #	Course Title	Hours
ACC202	Intermediate Accounting II	4 Hours

This course a continuation of Intermediate Accounting I provides an in-depth analysis of the theory concepts and procedures underlying the preparation of external financial statements and reports for corporate organizations. Accounting principles and concepts are analyzed developed and then applied to specific business decision situations. A thorough examination of long-term liabilities stockholders equity accounting changes financial analysis and financial reporting through both manual and automated accounting systems is developed.Prerequisite ACC 201Semester hours 4LectureLab Hours 4 lecweek

ACC204	Tax Accounting	3 Hours

This course provides an introductory study of the current federal revenue acts as they relate primarily to individual income tax theory and practice. Topical coverage includes the individual income tax return gross income inclusions and exclusions business expenses and retirement plans self-employed and employee expenses itemized and other deductions credits and special taxes accounting periods accounting methods depreciation capital gains and losses and payroll taxes. In addition to individual income tax theory and practice an overview of partnership and taxation corporate taxation and tax administration and planning is provided.Prerequisite ACC 101Semester hours 3LectureLab Hours 3 lecweek

ACC207	Acct/Gov & Not-For-Profit Org	3 Hours

This course covers the basic accounting concepts and issues associated with non-profit and governmental organizations. The primary focus is on municipal accounting applications funds governmental activities and business-type activities.Prerequisite ACC 102Semester hours 3LectureLab Hours 3 lecweek

BUS231	Occupational Seminar I	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Instructor approval required for enrollment.Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in BUS 235. Semester hours 1LectureLab Hours 1 lecweek

BUS235	Occupational Internship I	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Instructor approval required for enrollment Prerequisite Concurrent enrollment in BUS 231. Semester hours 3LectureLab Hours 15 hours internshipweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

AGRIBUSINESS

Associate in Arts Degree with a Concentration in Agribusiness (112)

The concentration in agribusiness prepares students to transfer to four-year universities to pursue a bachelor's degree in Agribusiness Management, Ag Marketing, and/or Ag Economics.

Follow this LINK for career information.

Agriculture-Agribusiness, Farm and Financial Management
IAI Recommended Baccalaureate Curriculum

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

- Agribusiness Management - Accounting Courses, Marketing Courses, Sales Courses, Economics Courses
- Ag Marketing - Marketing Courses, Sales Courses
- Ag Economics - Finance Courses, Macro/Microeconomics

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 66-67 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
	AGR / BUS Elective	3-4 Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test

high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

AGR102	Intro to Agriculture Econom	4 Hours

An introduction to the principles of economics including production principles production costs supply and revenue profit maximization consumption and demand price elasticity market price determination and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation natural human and capital resources commodity product marketing and agricultural problems and policies.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 901LectureLab Hours 4 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Third Semester - 14 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Fourth Semester - 17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	AGR Electives	3 Hours
	Social Science	3 Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

AGRICULTURE - CROP AND SOIL SCIENCE

Associate in Science Degree with a Concentration in Agriculture - Crop and Soil Science (117)

The concentration in agriculture prepares students to transfer to four-year universities to pursue a bachelor's degree in agriculture. The study of crops and soils provides opportunities for careers in crop production, crop agribusiness management, and merchandising, soil conservation, ecology, and management.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Agriculture - Crop and Soil Science
IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

Note: All agriculture majors need to be computer literate. You must be able to negotiate an operating system such as Windows or Linux; access the Internet; and use word processing, database and spreadsheet software.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics

social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Third Semester - 14 Hours

Course #	Course Title	Hours
	Social Science	3 Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social Science	3 Hours
	AGR Electives	3-4 Hours
	AGR Electives or Additional General Education Courses	6 Hours

Footnotes

* A sequence of biology may be required for full transfer benefits. (BIO 105, 123, 131)

AGRICULTURE - CROP AND SOIL SCIENCE

Associate in Science Degree with a Concentration in Agriculture - Crop and Soil Science, Mechanization** (116)

The concentration in agriculture prepares students to transfer to four-year universities to pursue a bachelor's degree in agriculture. The study of crops and soils provides opportunities for careers in crop production, crop agribusiness management, and merchandising, soil conservation, ecology and management.

The study of agricultural mechanization provides career opportunities involving the application, service, management and marketing of agricultural engineering technologies.

Follow this LINK for career information.

Effective Fall of 2016, the associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Agriculture - Crop and Soil Science, Mechanization - IAI Recommended Baccalaureate Curriculum

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

Note: All agriculture majors need to be computer literate. You must be able to negotiate an operating system such as Windows or Linux; access the Internet; and use word processing, database and spreadsheet software.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 16-17 Hours

Course #	Course Title	Hours
AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school

mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Third Semester - 14 Hours

Course #	Course Title	Hours
	Social Science	3 Hours
CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
	AGR Electives OR Additional General Education Courses	6-7 Hours
	Fine Arts	3 Hours
	AGR Elective (AGR 130)	4 Hours

	Social Science	3 Hours

Footnotes

* A sequence of biology may be required for full transfer benefits. (BIO 105, 123, 131)

AGRICULTURE - MECHANIZATION

Associate in Arts Degree with a Concentration in Agriculture - Mechanization (118)

The concentration in agriculture prepares students to transfer to four-year universities to pursue a bachelor's degree in agriculture. The study of agricultural mechanization provides career opportunities involving the application, service management, and marketing of agricultural engineering technologies.

Agriculture-Mechanization
IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

Note: All agriculture majors need to be computer literate. You must be able to negotiate an operating system such as Windows or Linux; access the Internet; and use word processing, database, and spreadsheet software.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 15-17 Hours

Course #	Course Title	Hours
	Chemistry with Lab	4-5 Hours
AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social Science	3 Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 17-18 Hours

Course #	Course Title	Hours
	Life Science (BIO) with Lab	4-5 Hours
	Humanities	3 Hours
	Social Science	3 Hours
	AGR Electives	4 Hours
CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours

	Social Science	3 Hours
	Electives	3 Hours
AGR234	Precision Agr Technology	3 Hours

An introductory course providing an overview of the principles of precision agriculture with a focus on the use of technology within the industry. Course material and discussions will include how technologies such as global navigation satellite systems agricultural geographic information systems sensors for the measurement of soil and plant variables yield monitoring and variable rate technology are being implemented to inform sub-field level management and farm business decisions. Issues discussed in this course include assessment of agronomic responses profitability adaptable cropping practices and conservation planning.Prerequisite AGR 109 and AGR 130Semester Hours 3Illinois Articulation Initiative IAI AG 907LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

AGRICULTURE - TEACHER EDUCATION

Associate in Arts Degree with a Concentration in Agriculture - Teacher Education (114)

The agriculture education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in agricultural education and teacher licensure (Grades 9-12) in the state of Illinois.

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

Note: All agriculture majors need to be computer literate. You must be able to negotiate an operating system such as Windows or Linux; access the Internet; and use word processing, database and spreadsheet software. CIS 109 recommended for students in need of these skills.

1. The Agricultural education major leads to professional educator license with 9-12 endorsement in the state of Illinois. To teach in Illinois public schools, teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator license is available on the Illinois Board of Education Website at www.isbe.net. Per Illinois law, a criminal background investigation will be required on applicants for employment. Students who have questions about this law should seek counseling with SVCC faculty or advising staff early in their program to determine if specific criminal background convictions may have an effect on their participation and eligibility.
2. Completion of AGR 170 is highly recommended. In addition, students are strongly encouraged to choose additional Agriculture core courses.
3. For future agricultural teacher resources, go to www.isbe.net/Pages/Ag-Future-Teachers.aspx

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

For agriculture teacher education:

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in general education and major coursework.

Program Contacts at Sauk Valley Community College

- Academic Advising 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 66-69 Hours

Suggested Course Sequence

First Semester - 16-18 Hours

Course #	Course Title	Hours
	Chemistry with Lab	4-5 Hours
AGR170	Intro to Agriculture Education	3 Hours

An introduction to Agricultural Education programs and delivery systems state and federal policies the nature of teaching in school and non-school settings types and purposes of Agricultural Education program components approaches to teaching teacher characteristics community relationships educational change and innovation trends and developments in Agricultural Education. A general study of the nature of Agricultural Education along with its opportunities and responsibilities will be explored.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI AG 911LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Personal Health and Development	1 Hour
AGR102	Intro to Agriculture Econom	4 Hours

An introduction to the principles of economics including production principles production costs supply and revenue profit maximization consumption and demand price elasticity market price determination and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation natural human and capital resources commodity product marketing and agricultural problems and policies.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 901LectureLab Hours 4 lecweek

AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Third Semester - 17-18 Hours

Course #	Course Title	Hours
*	EDU Electives	3 Hours
**	AGR Electives	4 Hours
	Humanities	3 Hours
	Life Science (BIO) with Lab	4-5 Hours
PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
*	EDU Electives	3 Hours
	Humanities / Fine Arts	3 Hours
AGR142	Introduction to Horticulture	3 Hours

This course is an introduction to the principles and practices in the development production and use of horticultural crops fruits vegetables greenhouse turf nursery floral and landscape. Includes the classification structure growth and development and environmental influences on horticultural plants horticultural technology and an introduction to the horticultural industries.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI AG905LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

HIS221	American History to 1865	3 Hours

Students will examine the first interactions of Native American cultures European conquerors and enslaved Africans. They will compare the Spanish French and English experiences in North America and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues political clashes and social changes of the Federalist Jefferson and Jacksonian periods. Students will explore westward expansion immigration in the north and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 900LectureLab Hours 3 lecweek

- OR -

HIS222	American History Since 1865	3 Hours

Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution the Gilded Age the Great Depression the two World Wars the Cold War the Age of Affluence and the Struggle For Racial and Gender Equality. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 901LectureLab Hours 3 lecweek

Footnotes

* Choose from EDU 210, 220, 224, 275
** Choose from AGR 116, 201

AGRICULTURE ANIMAL SCIENCE

Associate in Science Degree with a Concentration in Agriculture Animal Science (113)

The concentration in animal science prepares students to transfer to four-year universities to pursue a bachelor's degree in pre-veterinary medicine, animal science, and/or animal nutrition.

Follow this LINK for career information.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Agriculture-Animal Science
IAI Recommended Baccalaureate Curriculum

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

- For admission into Veterinary Colleges, you can have a B.S. degree in general animal science, zoology, and pre-veterinary medicine, among others.
- A sequence of biology may be required for full transfer benefits. (BIO 105, 123, 131). Some transfer schools may prefer BIO 105 and BIO 111 or CHE 201 for. any animal science major, especially for pre-veterinary medicine.
- Zoology courses are highly recommended for animal science majors and pre-veterinary medicine majors.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture 815-835-6279

Minimum Total Credit Hours - 66-67 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	AGR Electives	4 Hours
CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Third Semester - 18 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	General Education Elective	3 Hours
	Social Science	3 Hours
AGR116	Introduction to Animal Science	4 Hours

The application of the sciences of genetics physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds breeding and selection anatomy physiology and nutrition and growth environment health and sanitation products and marketing production technology and economics animal behavior and current issues in animal science. May also include companion animal topics.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 902 LectureLab Hours 3 lec2 lab hoursweek

BIO131	General Zoology	5 Hours

An introduction to the principles of classification of animals followed by a systematic study of invertebrate and vertebrate animals including their morphology physiology and natural history. Concepts of evolution paleontology and ecology are discussed. This course along with BIO 105 Principles of Biology and BIO 123 Introduction to Botany is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Prerequisite BIO 105 with a grade of C or higher. Semester hours5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

Fourth Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social Sciences	3 Hours
AGR102	Intro to Agriculture Econom	4 Hours

An introduction to the principles of economics including production principles production costs supply and revenue profit maximization consumption and demand price elasticity market price determination and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation natural human and capital resources commodity product marketing and agricultural problems and policies.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 901LectureLab Hours 4 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Footnotes

* A sequence of biology may be required for full transfer benefits. (BIO 105, 123, 131). Some transfer schools may prefer BIO 105 and BIO 111 or CHE 201.

AGRICULTURE BUSINESS

Agriculture Business - Associate in Applied Science (016)

The agriculture business program is a two-year program designed to prepare individuals for jobs in the field of agricultural supply, distribution, and service. Students prepare for a career in the business of agricultural production, finance, commercial sales, commodity trading, or other service provision to producers. Students will receive training in precision agriculture as well as operating and managing an agricultural business.

Work and Employment

This degree will prepare students for jobs in farm management, ag lending, ag sales, and commodities trading.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture, 815-835-6279

Total Hours Required - 60 Hours

Major Field Requirements - 31 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

AGR102	Intro to Agriculture Econom	4 Hours

An introduction to the principles of economics including production principles production costs supply and revenue profit maximization consumption and demand price elasticity market price determination and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation natural human and capital resources commodity product marketing and agricultural problems and policies.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 901LectureLab Hours 4 lecweek

AGR150	Intro to AG Bus Management	4 Hours

Organization and structure of agricultural businesses resource evaluation policy development and implementation functions of management and laws and taxes that affect business.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

AGR155	Intro to AG Marketing & Stds	3 Hours

Survey of approaches to marketing agricultural products implications for the producer consumer processor and government use of grain grading and standardization equipment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

AGR160	Agricultural Salesmanship	3 Hours

The course provides an introduction to the basic principles underlying the sales process in agricultural farm supply and practical application and development of sales techniques. Basic to the course is an understanding of the salespersons obligation to self his or her company and his or her customer.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

AGR199	Ag Issues & Perceptions	3 Hours

This course is designed to increase the understanding awareness and critical analysis of todays top agricultural issues and their impact upon the social political economic and cultural aspects of society. Agricultural issues include but are not limited to environment animal welfare crop production biotechnology trade and policy water quality and a changing consumer attitude towards agriculture and food production. Prerequisite None Semester hours 3LectureLab Hours 3 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

General Education Requirements - 19 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
ECO211	Social / Behavioral Science (ECO211 Required)	3 Hours
CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

- OR -

BIO103	Introductory Biology	4 Hours

An introduction to fundamental principles of biology including nature of science basic chemistry the organization structure and function of organisms cell division reproduction genetics evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A. A.S. transfer and A.A.S. degree students. For non-science majors.Credit will not be awarded for both BIO 103 and BIO 104.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI L1 900LLectureLab Hours 3 lec2 labweek

- OR -

PHY175	Introduction to Physics	4 Hours

This course covers basic concepts of physics including units in mechanics sound optics electricity magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the students life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.Prerequisite ELT 120 with a grade of D or higher bORb MAT 078 or MAT 081 or MAT 090 or MAT 106 or higher with a C or higher OR 2 years of high school algebra with a grade of C or higher OR appropriate placement.Semester Hours 4Illinois Articulation Initiative IAI P1 900LLectureLab Hours 3 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR HIGHER -

Internship Requirements - 1 Hour

Course #	Course Title	Hours
IND250	Industrial Internship	1-3 Hour

Participation in a work experience in an area of technology under supervision of both the College and an employer. Internship objectives will be identified for each student enrolled. This course is repeatable two times for a maximum of 9 credits. Repeatable This course is repeatable two times for a maximum of nine credits.Prerequisite Twelve semester hours in major field and consent of instructor. Semester hours 1-3LectureLab Hours 5-10-15 hours internshipweek

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Elective Options - 8 Hours

Course #	Course Title	Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

AGR116	Introduction to Animal Science	4 Hours

The application of the sciences of genetics physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds breeding and selection anatomy physiology and nutrition and growth environment health and sanitation products and marketing production technology and economics animal behavior and current issues in animal science. May also include companion animal topics.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 902 LectureLab Hours 3 lec2 lab hoursweek

AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

AGR234	Precision Agr Technology	3 Hours

An introductory course providing an overview of the principles of precision agriculture with a focus on the use of technology within the industry. Course material and discussions will include how technologies such as global navigation satellite systems agricultural geographic information systems sensors for the measurement of soil and plant variables yield monitoring and variable rate technology are being implemented to inform sub-field level management and farm business decisions. Issues discussed in this course include assessment of agronomic responses profitability adaptable cropping practices and conservation planning.Prerequisite AGR 109 and AGR 130Semester Hours 3Illinois Articulation Initiative IAI AG 907LectureLab Hours 2 lec2 labweek

AGR299	Topics/Issues in Agriculture	1-3 Hour

An examination of a special topic or current issue within agriculture. Topics will vary by semester and section and will be listed on the course schedule and on the students permanent academic record. This course may be repeated for credit as topics change up to a total of three times or a maximum of nine credits. Repeatable This course may be repeated for credit as topics change up to a total of three times or a maximum of nine credits.Prerequisite NoneSemester hours 1-3LectureLab Hours 1-3 lec1-3 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

Suggested Program

First Semester - 14 Hours

Course #	Course Title	Hours
AGR150	Intro to AG Bus Management	4 Hours

Organization and structure of agricultural businesses resource evaluation policy development and implementation functions of management and laws and taxes that affect business.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 14 Hours

Course #	Course Title	Hours
AGR102	Intro to Agriculture Econom	4 Hours

An introduction to the principles of economics including production principles production costs supply and revenue profit maximization consumption and demand price elasticity market price determination and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economies. Other topics include a survey of the world food situation natural human and capital resources commodity product marketing and agricultural problems and policies.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 901LectureLab Hours 4 lecweek

BIO103	Introductory Biology	4 Hours

An introduction to fundamental principles of biology including nature of science basic chemistry the organization structure and function of organisms cell division reproduction genetics evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A. A.S. transfer and A.A.S. degree students. For non-science majors.Credit will not be awarded for both BIO 103 and BIO 104.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI L1 900LLectureLab Hours 3 lec2 labweek

- OR -

CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

- OR -

PHY175	Introduction to Physics	4 Hours

This course covers basic concepts of physics including units in mechanics sound optics electricity magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the students life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.Prerequisite ELT 120 with a grade of D or higher bORb MAT 078 or MAT 081 or MAT 090 or MAT 106 or higher with a C or higher OR 2 years of high school algebra with a grade of C or higher OR appropriate placement.Semester Hours 4Illinois Articulation Initiative IAI P1 900LLectureLab Hours 3 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR HIGHER -

Third Semester - 17 Hours

Course #	Course Title	Hours
	Program Elective	4 Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

AGR155	Intro to AG Marketing & Stds	3 Hours

Survey of approaches to marketing agricultural products implications for the producer consumer processor and government use of grain grading and standardization equipment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

AGR199	Ag Issues & Perceptions	3 Hours

This course is designed to increase the understanding awareness and critical analysis of todays top agricultural issues and their impact upon the social political economic and cultural aspects of society. Agricultural issues include but are not limited to environment animal welfare crop production biotechnology trade and policy water quality and a changing consumer attitude towards agriculture and food production. Prerequisite None Semester hours 3LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Program Electives	4 Hours
	Humanities / Fine Arts	3 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

AGR160	Agricultural Salesmanship	3 Hours

The course provides an introduction to the basic principles underlying the sales process in agricultural farm supply and practical application and development of sales techniques. Basic to the course is an understanding of the salespersons obligation to self his or her company and his or her customer.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

IND250	Industrial Internship	1-3 Hour

Participation in a work experience in an area of technology under supervision of both the College and an employer. Internship objectives will be identified for each student enrolled. This course is repeatable two times for a maximum of 9 credits. Repeatable This course is repeatable two times for a maximum of nine credits.Prerequisite Twelve semester hours in major field and consent of instructor. Semester hours 1-3LectureLab Hours 5-10-15 hours internshipweek

AGRICULTURE PRODUCTION TECHNOLOGY

Agriculture Production Technology - Associate in Applied Science (014)

The Agriculture Production Technology AAS program prepares students to enter employment in production agriculture through farming, farm management, or an allied business. Technical education is provided in crop and livestock production, mechanics skills, and farm business management. Practical, hands-on experience will be emphasized.

Work and Employment

This program prepares students to enter employment in production agriculture through farming and farm management. Technical education is provided in crop and livestock production, mechanics skills, and farm business management.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture, 815-835-6279

Total Hours Required - 60 Hours

Major Field Requirements - 42 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

AGR116	Introduction to Animal Science	4 Hours

The application of the sciences of genetics physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds breeding and selection anatomy physiology and nutrition and growth environment health and sanitation products and marketing production technology and economics animal behavior and current issues in animal science. May also include companion animal topics.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 902 LectureLab Hours 3 lec2 lab hoursweek

AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

AGR142	Introduction to Horticulture	3 Hours

This course is an introduction to the principles and practices in the development production and use of horticultural crops fruits vegetables greenhouse turf nursery floral and landscape. Includes the classification structure growth and development and environmental influences on horticultural plants horticultural technology and an introduction to the horticultural industries.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI AG905LectureLab Hours 2 lec2 labweek

AGR150	Intro to AG Bus Management	4 Hours

Organization and structure of agricultural businesses resource evaluation policy development and implementation functions of management and laws and taxes that affect business.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

AGR155	Intro to AG Marketing & Stds	3 Hours

Survey of approaches to marketing agricultural products implications for the producer consumer processor and government use of grain grading and standardization equipment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

AGR199	Ag Issues & Perceptions	3 Hours

This course is designed to increase the understanding awareness and critical analysis of todays top agricultural issues and their impact upon the social political economic and cultural aspects of society. Agricultural issues include but are not limited to environment animal welfare crop production biotechnology trade and policy water quality and a changing consumer attitude towards agriculture and food production. Prerequisite None Semester hours 3LectureLab Hours 3 lecweek

AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

AGR234	Precision Agr Technology	3 Hours

An introductory course providing an overview of the principles of precision agriculture with a focus on the use of technology within the industry. Course material and discussions will include how technologies such as global navigation satellite systems agricultural geographic information systems sensors for the measurement of soil and plant variables yield monitoring and variable rate technology are being implemented to inform sub-field level management and farm business decisions. Issues discussed in this course include assessment of agronomic responses profitability adaptable cropping practices and conservation planning.Prerequisite AGR 109 and AGR 130Semester Hours 3Illinois Articulation Initiative IAI AG 907LectureLab Hours 2 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

UAS101	Intro to Unmanned Aircraft Sys	3 Hours

An introduction to small unmanned aircraft systems sUAS and preparation for the FAAs Part 107 Remote Pilot exam. This course does not require previous experience with remote-controlled aircraft. Safety control and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec. 2 labweek

General Education Requirements - 16 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts - OR - Social / Behavioral Science	3 Hours
BIO103	Introductory Biology	4 Hours

An introduction to fundamental principles of biology including nature of science basic chemistry the organization structure and function of organisms cell division reproduction genetics evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A. A.S. transfer and A.A.S. degree students. For non-science majors.Credit will not be awarded for both BIO 103 and BIO 104.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI L1 900LLectureLab Hours 3 lec2 labweek

- OR -

CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

- OR -

PHY175	Introduction to Physics	4 Hours

This course covers basic concepts of physics including units in mechanics sound optics electricity magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the students life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.Prerequisite ELT 120 with a grade of D or higher bORb MAT 078 or MAT 081 or MAT 090 or MAT 106 or higher with a C or higher OR 2 years of high school algebra with a grade of C or higher OR appropriate placement.Semester Hours 4Illinois Articulation Initiative IAI P1 900LLectureLab Hours 3 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR HIGHER -

Internship Requirements - 1 Hour

Course #	Course Title	Hours
IND250	Internship	1 Hour

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

AGRICULTURE PRODUCTION TECHNOLOGY

Certificate
Agriculture Production Technology (A14)

Students interested in production agriculture with an emphasis on agricultural technology should consider the Agricultural Production Technology certificate. Graduates of this program may become employed as farm operators, herdsmen, equipment operators, or general farmhands.

Work and Employment

This program prepares students for positions as assistant managers, farm operators, equipment operators, or general farmhands. Practical, hands-on experience will be emphasized.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin M. Larsen, Assistant Professor of Agriculture, 815-835-6279
- Jeff Johnson, Multicraft Instructor, 815-835-6279

Total Hours Required - 29 Hours

Major Field Requirements

Course #	Course Title	Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

AGR116	Introduction to Animal Science	4 Hours

The application of the sciences of genetics physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds breeding and selection anatomy physiology and nutrition and growth environment health and sanitation products and marketing production technology and economics animal behavior and current issues in animal science. May also include companion animal topics.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 902 LectureLab Hours 3 lec2 lab hoursweek

AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

AGR150	Intro to AG Bus Management	4 Hours

Organization and structure of agricultural businesses resource evaluation policy development and implementation functions of management and laws and taxes that affect business.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

AGR199	Ag Issues & Perceptions	3 Hours

This course is designed to increase the understanding awareness and critical analysis of todays top agricultural issues and their impact upon the social political economic and cultural aspects of society. Agricultural issues include but are not limited to environment animal welfare crop production biotechnology trade and policy water quality and a changing consumer attitude towards agriculture and food production. Prerequisite None Semester hours 3LectureLab Hours 3 lecweek

AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

UAS101	Intro to Unmanned Aircraft Sys	3 Hours

An introduction to small unmanned aircraft systems sUAS and preparation for the FAAs Part 107 Remote Pilot exam. This course does not require previous experience with remote-controlled aircraft. Safety control and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec. 2 labweek

Suggested Program

First Semester - 15 Hours

Course #	Course Title	Hours
AGR116	Introduction to Animal Science	4 Hours

The application of the sciences of genetics physiology and nutrition to the improvement of the animal industries and an introduction to management and production practices. Includes animal breeds breeding and selection anatomy physiology and nutrition and growth environment health and sanitation products and marketing production technology and economics animal behavior and current issues in animal science. May also include companion animal topics.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 902 LectureLab Hours 3 lec2 lab hoursweek

AGR150	Intro to AG Bus Management	4 Hours

Organization and structure of agricultural businesses resource evaluation policy development and implementation functions of management and laws and taxes that affect business.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

AGR201	Crop Science	4 Hours

Crop Science introduces the basic principles of plant growth including human and environmental influences and the theoretical and practical application of agronomic principles to crop production. Includes the historical and economic importance of crop plants for food feed and fiber origin classification and geographic distribution of field crops environmental factors and agronomic problems crop plant breeding growth development and physiology cropping systems and practices seedbed preparation tillage and crop establishment pests and controls and harvesting storing and marketing practices.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI AG 903LectureLab Hours 3 lec2 labweek

UAS101	Intro to Unmanned Aircraft Sys	3 Hours

An introduction to small unmanned aircraft systems sUAS and preparation for the FAAs Part 107 Remote Pilot exam. This course does not require previous experience with remote-controlled aircraft. Safety control and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec. 2 labweek

Second Semester - 14 Hours

Course #	Course Title	Hours
AGR109	Soil Science	4 Hours

An introduction to the chemical physical and biological properties of soils the origin classification and distribution of soils and their influence on people and food production the management and conservation of soils and the environmental impact of soil use.Prerequisite None4 Semester hoursIllinois Articulation Initiative IAI AG 904 LectureLab Hours 3 lec2 lab hoursweek

AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

AGR199	Ag Issues & Perceptions	3 Hours

This course is designed to increase the understanding awareness and critical analysis of todays top agricultural issues and their impact upon the social political economic and cultural aspects of society. Agricultural issues include but are not limited to environment animal welfare crop production biotechnology trade and policy water quality and a changing consumer attitude towards agriculture and food production. Prerequisite None Semester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ART

Associate in Arts Degree with a Concentration in Art (601)

The AA with a Concentration in Art includes basic courses in art as well as foundation courses in areas of specialization. The AA degree should be pursued by students seeking a liberal arts baccalaureate degree (typically a BA) in the Visual Arts. The concentration in Art prepares students to transfer to four-year universities to pursue a bachelor's degree in Arts Education, Museum Studies, Art Therapy, Art History and/or Studio Art. If you are interested in transferring to a Bachelor of Fine Arts (BFA) program, see the Associate in Fine Arts (AFA) degree program information. Art courses must be taken in sequence. The AA completes the General Education component prior to transfer. Students may be required to submit a portfolio of visual artwork for admission to a transfer institution.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not guarantee admission nor does it guarantee studio coursework will be accepted for credit into an Art program.

ART - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who intend to transfer must work with college advisors and the program coordinator. Transfer guides for some universities are available at svcc.edu/transfer.

Illinois colleges and universities offer two different bachelor's degrees in Art: the professional Bachelor of Fine Arts (BFA) degree and the Bachelor of Arts (BA) degree with a major in Art. The BA degree (major in Art) requires 40 to 50 semester credits in Art. At some schools, a BA degree requires competency in a foreign language.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Glenn Bodish, Professor 815-835-6250

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
	Mathematics	3 Hours
ART101	2-D Design Foundations	3 Hours

An introduction to two-dimensional design through the analysis of visual principles as they apply to design problems. Design problem-solving in the studio and on the computer will be accompanied by lectures demonstrations and critiques. This is a foundation course for commercial architectural and fine arts students. An introduction to color theory is included.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 907LectureLab Hours 6 labweek

ART113	Basic Drawing I	3 Hours

In this beginning drawing course the student will learn how to hone their perceptual skills and explore a variety of art making materials tools and techniques. Students will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface. Once the student achieves a level of understanding of the realistic style of drawing they will explore the technical creative imaginative and expressive realms of drawing. Students will apply drawing and design theories and produce finished artworks ready for exhibition.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 904LectureLab Hours 6 labweek

ART120	Prehistoric thru Medieval Art	3 Hours

The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures stressing the major periods and styles of prehistoric ancient civilized cultures through Medieval Art. This course is one of a three-part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 901 LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

- OR -

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

ART102	3-D Design Foundations	3 Hours

In this 3-D Foundations design course the student will learn how to hone their perceptual skills and sculptural design techniques apply the elements and principles of design and create visually and conceptually charged works of art. The study of form and structure in three-dimensions including additive subtractive replacement linear and contemporary forms of sculptural design will be accompanied by lectures demonstrations and critiques.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 908LectureLab Hours 6 labweek

ART114	Basic Drawing II	3 Hours

An investigation of drawing through the use of color with an emphasis on observational representation and thematic development through descriptive and expressive means. Topics to be covered include gesture line value perspective texture composition color theory and conceptual exploration. Class sessions will be accompanied by lectures demonstrations and critiques. Prerequisite ART 113 or consent of instructorSemester hours 3Illinois Articulation Initiative IAI ART 905LectureLab Hours 6 labweek

ART121	Renaissance thru Romantic Art	3 Hours

This is a continuation of Prehistoric through Medieval Art. The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements from Renaissance through Romanticism. This course is a one of a three part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Only one course ART 121 or ART 122 can be used for general education credit.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 902LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 18-19 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
	Electives	3 Hours
	Social / Behavioral Science	3 Hours
	Humanities	3 Hours
**	ART Elective	3 Hours
ART122	Modern Art	3 Hours

This is a continuation of Renaissance through Romantic Art. The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements in Modern societies from Realism through worldwide Contemporary Art. This course is a one of a three part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Only one course ART 121 or ART 122 can be used for general education credit.3Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 902 LectureLab Hours 3 lecweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours

*	Physical Science	3-4 Hours
**	ART Elective	3 Hours
ART213	Life Drawing I	3 Hours

In this life drawing course the student will learn how to hone their perceptual skills and art making technique. They will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface specifically the study of human anatomy proportion movement and drawing from life. Once the student achieves a level of understanding of the realistic style of drawing students will explore the technical creative imaginative and expressive realms of drawing. Students will apply drawing and design theories explore a myriad of materials and techniques and produce finished artworks ready for exhibition.Prerequisite ART 101 or ART 113 or consent of instructor.Semester hours 3LectureLab Hours 6 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Footnotes

* One lab science required.

** Art elective courses may be chosen from various media in consultation with an academic advisor or art department faculty.

ART

Art - Associate in Fine Arts (150)

The Associate in Fine Arts (AFA) should be pursued by students seeking a professional baccalaureate degree, typically a Bachelor of Fine Arts (BFA) in the Studio Arts. This includes but is not limited to: Drawing, Painting, Printmaking, Sculpture, Ceramics, Photography, Videography, Animation, Illustration, Graphic Design, and Communication Arts. The AFA does not require completion of all of the associate's degree general education courses. AFA students who intend to transfer must work with college advisors and the art program coordinator to plan for successful transfer.

When pursuing an AFA full-time, a student may be able to complete the program in two years. The AFA student is expected to be in the studio 5 hours per week per class, and will be required to do studio work outside of class time. A full-time AFA student will be taking 15 to 18 credit hours each fall and spring semesters. A full-time student who does not complete the AFA degree requirements in sequence may need more than two years to complete the program. A part-time AFA student will also need to complete the required courses in sequence.

Illinois colleges and universities offer two different bachelor's degrees in Art: the professional BFA degree and the Bachelor of Arts (BA) degree with a major in Art. The BFA degree prepares students for graduate school and requires 70 or more semester credits in Art. Most BFA programs require a portfolio review for admission.

ART - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Glenn S. Bodish, Professor of Art, 815-835-6250

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

- Course sequence of general education classes is recommended.
- Course sequence of ART classes is required for students who wish to complete the AFA full-time in two years.

First Semester - 16 Hours

Course #	Course Title	Hours
	Mathematics	3 Hours
ART101	2-D Design Foundations	3 Hours

An introduction to two-dimensional design through the analysis of visual principles as they apply to design problems. Design problem-solving in the studio and on the computer will be accompanied by lectures demonstrations and critiques. This is a foundation course for commercial architectural and fine arts students. An introduction to color theory is included.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 907LectureLab Hours 6 labweek

ART113	Basic Drawing I	3 Hours

In this beginning drawing course the student will learn how to hone their perceptual skills and explore a variety of art making materials tools and techniques. Students will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface. Once the student achieves a level of understanding of the realistic style of

drawing they will explore the technical creative imaginative and expressive realms of drawing. Students will apply drawing and design theories and produce finished artworks ready for exhibition.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 904LectureLab Hours 6 labweek

ART120	Prehistoric thru Medieval Art	3 Hours

The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures stressing the major periods and styles of prehistoric ancient civilized cultures through Medieval Art. This course is one of a three-part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 901 LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
ART102	3-D Design Foundations	3 Hours

In this 3-D Foundations design course the student will learn how to hone their perceptual skills and sculptural design techniques apply the elements and principles of design and create visually and conceptually charged works of art. The study of form and structure in three-dimensions including additive subtractive replacement linear and contemporary forms of sculptural design will be accompanied by lectures demonstrations and critiques.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ART 908LectureLab Hours 6 labweek

ART114	Basic Drawing II	3 Hours

An investigation of drawing through the use of color with an emphasis on observational representation and thematic development through descriptive and expressive means. Topics to be covered include gesture line value perspective texture composition color theory and conceptual exploration. Class sessions will be accompanied by lectures demonstrations and critiques. Prerequisite ART 113 or consent of instructorSemester hours 3Illinois Articulation Initiative IAI ART 905LectureLab Hours 6 labweek

ART121	Renaissance thru Romantic Art	3 Hours

This is a continuation of Prehistoric through Medieval Art. The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements from Renaissance through Romanticism. This course is a one of a three part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Only one course ART 121 or ART 122 can be used for general education credit.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 902LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 15-16 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
ART122	Modern Art	3 Hours

This is a continuation of Renaissance through Romantic Art. The historical development of the visual arts painting drawing printmaking sculpture and architecture in Western society focusing on major artistic styles and movements. Examines works of art as expressions of the ideas and beliefs of artists within their cultural and social contexts. Slide lectures covering the major movements in Modern societies from Realism through worldwide Contemporary Art. This course is a one of a three part series of courses ART 120 121 122 intended to fulfill the art history requirements for the art major but is also a general education fine arts course. Only one course ART 121 or ART 122 can be used for general education credit.3Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 902 LectureLab Hours 3 lecweek

ART225	Photography I	3 Hours

This course is an introduction to analogue photography film darkroom procedures and will practice blending alternative traditional and digital materials techniques and concepts. In the class students will learn and practice photography for both creative and commercial applications. Students will learn how to operate a camera manually and become proficient in using shutter speeds apertures and light sensitivity controls. This course will include information on the types and anatomy of the cameras and explore a variety of photographic accessories including both traditional BW darkroom and digital photographic techniques. In this course students will apply their technical knowledge of photography and create a variety of visually impactful and meticulously produced photographic images. This course also will examine the historical context and contemporary use of photography as an artistic medium in our culture. Students will work to hone their technical skills coupled with their personal creative vision within several photographic genres and create professionally presented works of photographic art.Prerequisite ART 101 may be taken concurrently or ART 113 may be taken concurrently or consent of instructor.Semester hours 3LectureLab Hours 6 labweek

ART230	Graphic Design	3 Hours

This course is designed to provide students the necessary computer and design skills to begin a career in graphic design. Various fine art and commercial computer art projects will deal with the design and production of images using a variety of materials tools and techniques applying communication theory. Students will begin to develop a comprehension of the historic theoretic and practical applications related to art digital imaging techniques and graphic design and create finished works of commercial and fine art.Prerequisite ART 101may be taken concurrently or consent of instructorSemester hours 3LectureLab Hours 6 labweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
*	Physical Science	3-4 Hours
	Social / Behavioral Science	3 Hours
	Humanities	3 Hours
ART203	Oil Painting I	3 Hours

In this oil painting course the student will learn how to hone their perceptual skills and art making techniques. They will apply the elements and principles of design and create visually and conceptually charged works of art. The main practice will be to replicate a three dimensional illusion on a two dimensional surface using painting mediums and techniques. Once the student achieves a level of understanding the realistic style of painting they will explore the technical creative imaginative and expressive realms of painting. Students will apply painting and design theories explore a myriad of materials and techniques and produce finished artworks ready for exhibition.Prerequisite ART 101 or ART 113 or consent of instructor.Semester hours 3LectureLab Hours 6 labweek

ART213	Life Drawing I	3 Hours

In this life drawing course the student will learn how to hone their perceptual skills and art making technique. They will apply the elements and principles of design and create visually and conceptually charged drawings. The main practice will be to replicate a three dimensional illusion on a two dimensional surface specifically the study of human anatomy proportion movement and drawing from life. Once the student achieves a level of understanding of the realistic style of drawing students will explore the technical creative imaginative and expressive realms of drawing. Students will apply drawing and design theories explore a myriad of materials and techniques and produce finished artworks ready for exhibition.Prerequisite ART 101 or ART 113 or consent of instructor.Semester hours 3LectureLab Hours 6 labweek

Footnotes

* One Lab Science required.

ART 204 Oil Painting II, ART 214 Life Drawing II, or ART 250 Sculpture I may be taken as advanced ART class substitutions. These classes are not offered regularly in the course sequence and enrollment requires ART program director approval.

BIOLOGY

Associate in Science Degree with a Concentration in Biology (413)

The concentration in Biology prepares students to transfer to four-year universities to pursue a bachelor's degree in Cell Biology, Organismal Biology and/or Ecology as well as preparing students for medical, dental, or chiropractic studies.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Biological Sciences - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they wish to transfer should consult that institution's catalog or department advisor, an SVCC academic advisor, and an SVCC biology instructor in planning their program.

1. Baccalaureate biological science programs are diverse. Some programs emphasize cell and molecular biology, whereas others emphasize organismal, ecological and evolutionary biology. Research universities offer specific programs of study, optional tracks or specializations within biology. Students should decide the direction or specialization within the Biological Sciences major as early as possible, preferably by the beginning of the sophomore year. Community college students are strongly encouraged to complete an Associate degree prior to transfer. To transfer as a junior into a baccalaureate biological sciences program, students must complete a minimum of 60 semester credits (64 for the Associate degree), including all of the prerequisite science courses listed. For maximum transferability, students are encouraged to complete all general education, supporting science, and biology core courses listed.
2. Note: Students are advised to complete the entire 3 course introductory biological sciences sequence at one school before transferring. Students who complete only one course may have to repeat that course, since material may be arranged differently by another institution.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Lori Anton, Assistant Professor of Biology, 815-835-6402
- Bradley Smith, Associate Professor of Biology, 815-835-6225
- Therese Wood, Assistant Professor of Biology, 815-835-6391
- Dr. Lauren M. Orton, Professor of Biology, 815-835-6375

Minimum Total Credit Hours - 66-68 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Personal Development	1 Hour
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Personal Development	1 Hour
BIO123	Introduction to Botany	5 Hours

Activities structure methods of reproduction relationships and uses of major types of plant life with emphasis on flowering plants. This course is designed for the transfer student in agriculture liberal arts general education and science majors. This course along with BIO 105 Principles of Biology and BIO 131 General Zoology is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Prerequisite BIO 105 with a grade of C or higherSemester hours 5Illinois Articulation Initiative IAI L1 910 L BIO 910LectureLab Hours 4 lec2 labweek

CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and

science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 14-15 Hours

Course #	Course Title	Hours
	Personal Development	1 Hour
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

- OR -

CHE201	Organic Chemistry I	5 Hours

This course covers the following topics bonding molecular structure and properties reactivity and nomenclature of alkanes cycloalkanes alkenes alkynes alkyl halides alcohols and ethers stereochemistry nucleophilic substitution and elimination reaction infrared spectroscopy. Laboratory is required. Students should complete both CHE 201 and CHE 202 before transferring to another institution.Prerequisite CHE 106 or equivalent with a C or betterSemester hours 5Illinois Articulation Initiative IAI CHM 913LectureLab Hours 3 lec4 labweek

BIO131	General Zoology	5 Hours

An introduction to the principles of classification of animals followed by a systematic study of invertebrate and vertebrate animals including their morphology physiology and natural history. Concepts of evolution paleontology and ecology are discussed. This course along with BIO 105 Principles of Biology and BIO 123 Introduction to Botany is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Prerequisite BIO 105 with a grade of C or higher. Semester hours5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Fourth Semester - 17-18 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Humanities	3 Hours
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

- OR -

CHE202	Organic Chemistry II	5 Hours

This course covers the following topics Nomenclature reactions and synthesis of aldehydes ketones carboxylic acids and their derivatives aromatic compounds conjugated dienes dicarbonyl compounds amines amino acids proteins carbohydrates phenols NMR spectroscopy and MS spectrometry. Laboratory is required. Prerequisite CHE 201 Organic Chemistry I with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 914LectureLab Hours 3 lec4 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series

function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

Footnotes

* Medical Science Emphasis

BOOKKEEPING (ACCOUNTING)

Certificate
Bookkeeping (Accounting) (B70)

The Certificate program prepares students for entry-level accounting positions in private business and industry. This may include tasks related to bookkeeping, data entry, accounts payable, and accounts receivable. Students who want to progress in the accounting field should consider continuing on for an A.A.S. or transfer degree in accounting.

Work and Employment

Job positions that are available include: accounting clerk, bookkeeper, accounting assistant, trainee or technician. Continued economic growth in the region, resulting in increased business activity, should allow this field of employment to continue to grow.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Geoffrey A. Lemay, CPA, MBA, Associate Professor of Accounting 815-835-6328

Total Hours Required - 16 Hours

Major Field Requirements

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

Suggested Program

First Semester - 7 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

Second Semester - 9 Hours

Course #	Course Title	Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

BUSINESS

Associate in Arts Degree with a Concentration in Business (210)

The concentration in Business prepares students to transfer to four-year universities to pursue a bachelor's degree in business administration, management, and/or marketing.

Business - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Emily Zimmerman, Professor of Business 815-835-6259

Total Hours Required - 65 Hours

Suggested Course Sequence

First Semester - 15 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Humanities / Fine Arts	3 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS214	Business Statistics	3 Hours

This course is an introduction to business statistics in which methods of collection presentation and interpretation of quantitative data is studied. Emphasis is placed on the interpretation of data with such topics as averages dispersion probability sampling tests of significance and simple linear correlation being studied. Prerequisite MAT 121 or appropriate placementSemester hours 3Illinois Articulation Initiative IAI BUS 901LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 18-19 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
	Fine Arts	3 Hours
BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
*	Physical Science	3-4 Hours
	Electives	6 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

Footnotes

*One lab science required.

BUSINESS - ACCOUNTING MAJOR

Associate in Arts Degree with a Concentration in Business - Accounting Major (220)

The concentration in Accounting prepares students to transfer to four-year universities to pursue a bachelor's degree in Accounting, Business, and/or Finance.

Business - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Geoffrey A. Lemay, CPA, MBA, Associate Professor 815-835-6328

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

First Semester - 15 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Humanities / Fine Arts	3 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS214	Business Statistics	3 Hours

This course is an introduction to business statistics in which methods of collection presentation and interpretation of quantitative data is studied. Emphasis is placed on the interpretation of data with such topics as averages dispersion probability sampling tests of significance and simple linear correlation being studied. Prerequisite MAT 121 or appropriate placementSemester hours 3Illinois Articulation Initiative IAI BUS 901LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 18-19 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
	Fine Arts	3 Hours
BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
	Physical Science	3-4 Hours
	Electives	3 Hours
CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

Footnotes

* One lab science required.

CHEMISTRY

Associate in Science Degree with a Concentration in Chemistry (414)

The concentration in chemistry prepares students to transfer to four-year universities to pursue a bachelor's degree in chemistry, biochemistry and/or chemical engineering. Chemistry students often pursue pre-health programs such as medicine, nursing, pharmacy, and dentistry.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Chemistry - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Bachelor's programs in chemistry are built on an in-depth foundation of sequential coursework in science and math, while upper-division coursework provides the preparation necessary for graduate studies and/or work in industry. Multiple tracks are often available. For example, some institutions offer a specialty in biochemistry or certification for high school teaching. To transfer as a junior into a bachelor's chemistry program, students must complete 60 semester credits, (64 for the Associate degree), including all of the essential prerequisite courses below. Students should be aware that because of differences among schools in the number of credits for which various courses are offered and the possible need for prerequisite courses, it may be difficult to complete an Associate in Science degree without taking more credits than will be accepted in transfer.
2. Note: Students are strongly encouraged to complete a third semester of calculus (MAT 205) prior to transfer. Students are also encouraged to complete a third semester of engineering physics (PHY 213). A grade of "C" or better may be required for chemistry, mathematics and engineering science courses to transfer.
3. The following courses should absolutely be taken by all students as they are foundational prerequisites at all or most colleges: CHE105, CHE106, CHE201, CHE202.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Cynthia Everett, Assistant Professor of Chemistry, 815-835-6379
- Jackson Holcomb, Assistant Professor of Chemistry, 815-835-6401

Minimum Total Credit Hours - 66-68 Hours

Suggested Course Sequence

First Semester - 16-18 Hours

Course #	Course Title	Hours
	Life Science (BIO105 Recommended)	3-5 Hours
CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Personal Development	1 Hour
CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

PHY211	Engineering Physics I	5 Hours

An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics Newtons Laws rotational motion equilibrium harmonic motion and waves. Prerequisite High school physics or PHY 201 and MAT 203. Semester Hours 5Illinois Articulation Initiative IAI P2 900L and PHY 911LectureLab Hours 4 lec2 labweek

Third Semester - 17 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Humanities	3 Hours
	Personal Development	1 Hour
CHE201	Organic Chemistry I	5 Hours

This course covers the following topics bonding molecular structure and properties reactivity and nomenclature of alkanes cycloalkanes alkenes alkynes alkyl halides alcohols and ethers stereochemistry nucleophilic substitution and elimination reaction infrared spectroscopy. Laboratory is required. Students should complete both CHE 201 and CHE 202 before transferring to another institution.Prerequisite CHE 106 or equivalent with a C or betterSemester hours 5Illinois Articulation Initiative IAI CHM 913LectureLab Hours 3 lec4 labweek

PHY212	Engineering Physics II	5 Hours

An examination of the basic principles of electricity and magnetism with selected topics in electric and magnetic fields potentials network theory dielectric and magnetic properties of matter capacitance inductance dc and ac circuits Maxwells equations and electromagnetic waves. Prerequisite PHY 211 and MAT 204 or concurrent enrollment in MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 912LectureLab Hours 4 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
	Personal Development	1 Hour
CHE202	Organic Chemistry II	5 Hours

This course covers the following topics Nomenclature reactions and synthesis of aldehydes ketones carboxylic acids and their derivatives aromatic compounds conjugated dienes dicarbonyl compounds amines amino acids proteins carbohydrates phenols NMR spectroscopy and MS spectrometry. Laboratory is required. Prerequisite CHE 201 Organic Chemistry I with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 914LectureLab Hours 3 lec4 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a

variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

COMMERCIAL DRIVERS LICENSE

Commercial Drivers License - Certificate (T10)

This program is designed to prepare individuals to obtain employment as commercial drivers. The classroom portion of the program emphasizes information required to pass the written driving exam, such as the rules of the road, log book requirements, and load regulations. Upon successful completion of the classroom portion, students will prepare for the driving test as they gain driving experience, learn how to hitch trailers to tractors, and safety techniques and practices. Students will be accompanied by an instructor and will use one of the trucks in which they learned to drive when they take the CDL exam.

Work and Employment

Every community in North America is served by the trucking industry. As a result, employment opportunities abound for local and over the road drivers. Men and women can earn above average incomes within a year or two of successfully completing the program and earning their CDL.

Special Considerations

To obtain employment as a commercial driver, individuals must be at least 18 years of age (there is no top age restriction), possess a safe driving record, be able to pass regular drug screenings and a Department of Transportation physical exam.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Community Education, 815-835-6212

Total Hours Required - 12 Hours

Major Field Requirements - 12 Hours

Course #	Course Title	Hours
GSV100	Commercial Drivers License	4 Hours

The Commercial Motor Vehicle Safety Act of 1986 CMVSA has placed more stringent requirements on licensing of all commercial truck drivers. This four-credit hour course is designed to deliver all of the needed information to take and pass the commercial Drivers License General Knowledge Written Exams in the states of Illinois and Iowa. Along with the Commercial Drivers License required units on log books and first aid training will be covered.Prerequisite Students must provide the institution with a copy of their driving record for the past five 5 years. Students must provide the institution with a physical form verifying completion of a Department of Transportation physical.Semester Hours 4LectureLab Hours 4 lecweek

GSV102	Commercial Vehicle Operation	8 Hours

Professional Commercial Motor Vehicle Operators not only need the necessary information to be successful but they must be able to operate the tractor-trailer combination in a proficient and safe manner. Students will gain the knowledge necessary to become a commercial vehicle operator and develop the skills and techniques essential to the safe and professional operation of a commercial vehicle. Prerequisite GSV 100Semester Hours 8LectureLab Hours 16 labweek

COMMERCIAL SUAS (DRONE) PILOT

Certificate
Commercial sUAS (Drone) Pilot (H31)

This program is intended to prepare students to successfully operate small unmanned aerial systems (sUAS) in a commercial setting. Specifically, this program provides students with the requisite knowledge to pass the Federal Aviation Administration's Part 107 examination and obtain commercial licensure. Targeted individuals are those with an interest in utilizing sUAS technology for data acquisition and decision support in fields such as agriculture, public safety, utilities, surveying, insurance, real estate, and cinematography. As these skills are applicable across several fields, multiple-use cases will be highlighted throughout the program.

Work and Employment

This program will train students within the CTE areas of agriculture and agricultural education, business, marketing, computer education, technology and engineering education, and family and consumer sciences. Students who are interested in the Agriculture, Food, and Natural Resources Career Clusters could find jobs within the fields of agricultural production, precision agriculture, pest management, wildlife management, or forestry. Students will also be prepared for entry-level employment with the Business, Marketing, and Computer Education CTE areas for positions in urban and regional planning, marketing, digital communications, and insurance. Students in the Technology and Engineering area would qualify for positions in transportation, distribution, logistics, law enforcement and national security, architecture, surveying, and video technology and film. In the Family and Consumer Science area, employment possibilities would include inspections for insurance or real estate purposes and promoting tourism through aerial photography.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising 815-835-6354

Total Hours Required - 3 Hours

Major Field Requirements

Course #	Course Title	Hours
UAS101	Intro to Unmanned Aircraft Sys	3 Hours

An introduction to small unmanned aircraft systems sUAS and preparation for the FAAs Part 107 Remote Pilot exam. This course does not require previous experience with remote-controlled aircraft. Safety control and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec. 2 labweek

COMMUNICATION STUDIES

Associate in Arts Degree with a Concentration in Communication Studies (610)

The Communication Studies concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in Communication or other discipline, such as business, in which communication is fundamental.

Communication Studies - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

The Communication Studies program seeks to provide students with comprehensive knowledge of the nature of human communication, the symbol systems by which it functions, the environments in which it occurs, its media, and its effects. This program focuses on communication interaction between individuals and the impact each has on the other.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

Students should be computer literate. Computer skills may be acquired before or early in the college experience.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Patricia Fulfs, Professor of Communication, 815-835-6224
- Dr. Paul Edleman, Professor of Communication/Political Science, 815-835-6265

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Mathematics	3 Hours
	Social / Behavioral Science	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Personal Development	3 Hours
	Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
COM161	Small Group Communication	3 Hours

An introduction to the theory and practice of small group communication. Emphasis is placed on social norms the nature and types of groups and leadership development. Students are expected to demonstrate both practical and theoretical understanding of problem-solving information-providing decision-making and conflict management. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI MC 902LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Electives	3 Hours
*	Electives / Foreign Language	4 Hours
**	Life Science	3-4 Hours
	Social / Behavioral Science	3 Hours
COM181	Intro to Mass Communication	3 Hours

Provides an overview of the nature functions and responsibilities of the mass communication industries in a global environment with an emphasis on the medias role in American society. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI MC 911LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
	Electives	3 Hours
*	Electives / Foreign Language	4 Hours
	Humanities / Fine Arts	3 Hours
**	Physical Science	3-4 Hours
COM151	Interpersonal Communication	3 Hours

An introduction to the basic theories and concepts relevant to interperonal interaction. Emphasis is placed on the role of communication in the creation maintenance and termination of social romantic familial and professional relationships. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI MC 901LectureLab Hours 3 lecweek

Footnotes

***** Three to four semesters of a college level foreign language or three to four years of a high school level foreign language may be required for a Bachelor of Arts degree.

** One lab science required.

COMPUTER INFORMATION SYSTEMS: BUSINESS SOFTWARE SPECIALIST I

Certificate
Computer Information Systems: Business Software Specialist I (B32)

The Business Software Specialist I certificate consists of a core of courses which provide job entry skills in the operation of computers. This certificate can also be the means for advancement to higher level positions in an expanding field. Instruction includes hands-on experience with computers and business software packages.

Work and Employment

The rapid spread of computers and computer-based technologies in recent years has generated a need for skilled, highly trained workers. Computers have become essential to the operation of stores, banks, colleges and universities, government agencies, hospitals, factories, and many other profit and non-profit entities in our society. Employment is expected to grow as organizations seek new applications for computers and improvements to the software already in use.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 16 Hours

Major Field Requirements

Course #	Course Title	Hours
CIS100	Basic Keyboard & Doc Proc	2 Hours
Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek		
CIS104	Word Processing Software	2 Hours
This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek		
CIS106	Spreadsheet Software	3 Hours
This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek		
CIS108	Database Software	3 Hours
This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek		
CIS109	Introduction to Computers	3 Hours
This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek		
CIS132	Cloud Productivity	2 Hours
This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek		
CIS148	Business Presentation Graphics	1 Hour
This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek		

Suggested Program

First Semester - 7 Hours

Course #	Course Title	Hours
CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

Second Semester - 9 Hours

Course #	Course Title	Hours
CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

COMPUTER INFORMATION SYSTEMS: BUSINESS SOFTWARE SPECIALIST II

Certificate
Computer Information Systems: Business Software Specialist II (B36)

The Business Software Specialist II consists of advanced courses which expand on skills in the programming and the operation of computers. This certificate can also be the means for advancement to higher-level positions in an expanding field. Instruction includes hands-on experience with computers, business software applications, and web design.

Work and Employment

The rapid spread of computers and computer-based technologies in recent years has generated a need for skilled, highly trained workers. Computers have become essential to the operation of stores, banks, colleges and universities, government agencies, hospitals, factories, and many other profit and non-profit entities in our society. Employment is expected to grow as organizations seek new applications for computers and improvements to the software already in use.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 22 Hours

Major Field Requirements

Course #	Course Title	Hours
CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

CIS134	Website Creation & Management	3 Hours

An introductory course in the fundamentals of web site design and development. Topics include web site planning typography images multimedia elements publishing and promoting and maintaining a website. Students will create a functional effective and visually appealing web site using a content management system. This class does not use an HTML editor.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3 LectureLab Hours 2 lec2 labweek

CIS143	Desktop Publishing Software	3 Hours

An introduction to desktop publishing in which students will learn to manipulate edit store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms charts reports newsletters brochures and magazines utilizing the microcomputer.Prerequisite NoneSemester hours 3LectureLab Hours 1 lec4 lab

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

Suggested Program (1 Year Accelerated)

First Semester - 10 Hours

Course #	Course Title	Hours
CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

CIS143	Desktop Publishing Software	3 Hours

An introduction to desktop publishing in which students will learn to manipulate edit store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms charts reports newsletters brochures and magazines utilizing the microcomputer.Prerequisite NoneSemester hours 3LectureLab Hours 1 lec4 lab

Second Semester - 12 Hours

Course #	Course Title	Hours
CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS134	Website Creation & Management	3 Hours

An introductory course in the fundamentals of web site design and development. Topics include web site planning typography images multimedia elements publishing and promoting and maintaining a website. Students will create a functional effective and visually appealing web site using a content management system. This class does not use an HTML editor.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3 LectureLab Hours 2 lec2 labweek

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

Suggested Program (2 Years)

First Semester - 5 Hours

Course #	Course Title	Hours
CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

Second Semester - 6 Hours

Course #	Course Title	Hours
CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

Third Semester - 5 Hours

Course #	Course Title	Hours
CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

CIS143	Desktop Publishing Software	3 Hours

An introduction to desktop publishing in which students will learn to manipulate edit store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms charts reports newsletters brochures and magazines utilizing the microcomputer.Prerequisite NoneSemester hours 3LectureLab Hours 1 lec4 lab

Fourth Semester - 6 Hours

Course #	Course Title	Hours
CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS134	Website Creation & Management	3 Hours

An introductory course in the fundamentals of web site design and development. Topics include web site planning typography images multimedia elements publishing and promoting and maintaining a website. Students will create a functional effective and visually appealing web site using a content management system. This class does not use an HTML editor.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3 LectureLab Hours 2 lec2 labweek

COMPUTER INFORMATION SYSTEMS: COMPUTER SOFTWARE TECHNOLOGY

Computer Information Systems: Computer Software Technology Associate in Applied Science (076)

Graduates of the Computer Software Technology program are prepared to enter the business workforce as information support staff, administrative assistants, or other office positions in private business and governmental organizations. Majors study the MS Office Suite including Word, Excel, PowerPoint and Access, cloud-based office productivity tools such as Google G Suite and web conferencing tools, website management, financial accounting, and general business.

Work and Employment

The proliferation of computers and the Internet into almost every aspect of the workplace has generated a need for workers trained in using and applying technology to communicate, solve problems, and improve productivity. Computers have become essential to the operation of stores, banks, colleges and universities, governmental agencies, hospitals, factories, and many other profit and non-profit entities in our society. Employment for CIS graduates is expected to grow as organizations seek new applications skilled in the effective use of technology and an understanding of basic business practices. Employers

are increasingly interested in employees who can combine areas of technical expertise or who are adaptable, are able to learn and incorporate new skills, and are able to find opportunities for increased efficiency using technology.

Special Consideration

Workers usually have the following skills and aptitudes: work independently, quickly, and accurately, think logically and use good judgment, concentrate, possess mechanical and mathematical aptitudes, patience, and persistence.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 60 Hours

Major Field Requirements - 44 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS106	Business Mathematics	3 Hours

This course develops an approach to the study of the fundamentals of computational skills used in business. These computational skills may be employed in businesscommercial decision making and in general quantitative business situations. Quantitative topics include reinforcement of fundamental arithmetic and mathematical processes equations and word problems percentages decimals and fractions product pricing and markup policies bank reconciliations notes and interest payroll records business inventory turnover and insurance principles. Further topics include the study of business depreciation business financial statements business and personal insurance corporate stocks and bonds international business compound interest applications and business statistics.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software

applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

CIS134	Website Creation & Management	3 Hours

An introductory course in the fundamentals of web site design and development. Topics include web site planning typography images multimedia elements publishing and promoting and maintaining a website. Students will create a functional effective and visually appealing web site using a content management system. This class does not use an HTML editor.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3 LectureLab Hours 2 lec2 labweek

CIS143	Desktop Publishing Software	3 Hours

An introduction to desktop publishing in which students will learn to manipulate edit store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms charts reports newsletters brochures and magazines utilizing the microcomputer.Prerequisite NoneSemester hours 3LectureLab Hours 1 lec4 lab

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

CIS231	Occupational Seminar	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in CIS 235. Semester hours 1LectureLab Hours 1 lecweek

CIS235	Occupational Internship	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Prerequisite Concurrent enrollment in CIS 231. Semester hours 3LectureLab Hours 15 labweek

General Education Requirements - 15 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
	Physical / Life Science	3 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 15 Hours

Course #	Course Title	Hours
	Physical / Life Science	3 Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS100	Basic Keyboard & Doc Proc	2 Hours

Instruction in keyboard and machine control techniques with the objective of developing a mastery of the keyboard and skill in producing basic and academic reports.Prerequisite NoneSemester hours 2LectureLab Hours 4 labweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 14 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
BUS106	Business Mathematics	3 Hours

This course develops an approach to the study of the fundamentals of computational skills used in business. These computational skills may be employed in businesscommercial decision making and in general quantitative business situations. Quantitative topics include reinforcement of fundamental arithmetic and mathematical processes equations and word problems percentages decimals and fractions product pricing and markup policies bank reconciliations notes and interest payroll records business inventory turnover and insurance principles. Further topics include the study of business depreciation business financial statements business and personal insurance corporate stocks and bonds international business compound interest applications and business statistics.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS104	Word Processing Software	2 Hours

This course will familiarize the user with advanced features of word processing. Course emphasis will include document creation document deleting and document printing editing formatting with fonts margins columns citations creating and formatting tables graphics themes and building blocks merging multipage styles and templates references footnotes integration with Excel and Access building forms collaborating and tracking documents customizing Word.Prerequisite CIS 109 or consent of instructor Semester hours 2LectureLab Hours 1 lec2 labweek

CIS106	Spreadsheet Software	3 Hours

This introductory course is designed to acquaint the student with the process of using personal computers to solve spreadsheet problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of spreadsheet software the student will be exposed to the use of problem-solving techniques for situations in which spreadsheet solutions are appropriate. Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

Third Semester - 15 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS132	Cloud Productivity	2 Hours

This introductory course is designed to acquaint the student with the use of cloud-based office productivity applications for collaboration file sharing project management note-taking communication and organization. Laboratory experience will be gained with a survey of tools including Google Apps Microsoft Office 365 Evernote cloud-based drives and web conferencing tools. Both desktop and mobile tools will be utilized when applicable. Best practices for the business office and security will be emphasized.Prerequisite CIS 101 or CIS 109 concurrent enrollment accepted or consent of instructor.Semester hours02LectureLab Hours 1 lec2 labweek

CIS143	Desktop Publishing Software	3 Hours

An introduction to desktop publishing in which students will learn to manipulate edit store and plot both text and graphic information. Students will also learn how to develop and use artistic graphics necessary to produce business forms charts reports newsletters brochures and magazines utilizing the microcomputer.Prerequisite NoneSemester hours 3LectureLab Hours 1 lec4 lab

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

Fourth Semester - 16 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
CIS108	Database Software	3 Hours

This introductory course is designed to acquaint the student with the use of Windows-based database management system to solve problems. In addition to providing the student with a working knowledge of the basic and advanced capabilities of a Windows database management system the student will be exposed to the use of problem-solving techniques for situations in which database management solutions are appropriate.Prerequisite CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS134	Website Creation & Management	3 Hours

An introductory course in the fundamentals of web site design and development. Topics include web site planning typography images multimedia elements publishing and promoting and maintaining a website. Students will create a functional effective and visually appealing web site using a content management system. This class does not use an HTML editor.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3 LectureLab Hours 2 lec2 labweek

CIS148	Business Presentation Graphics	1 Hour

This course focuses on creating effective and attractive presentation media for business presentations. The student will learn the basics of a software package specifically designed for presentation graphics. In addition to providing the student with a working knowledge of the graphics capabilities of various software packages the student will be exposed to the use of problem-solving techniques for situations in which graphic solutions are appropriate.Prerequisite CIS 109 or consent of instructor. Semester hours 1LectureLab Hours .5 lec1 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

CIS231	Occupational Seminar	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in CIS 235. Semester hours 1LectureLab Hours 1 lecweek

CIS235	Occupational Internship	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Prerequisite Concurrent enrollment in CIS 231. Semester hours 3LectureLab Hours 15 labweek

COMPUTER INFORMATION SYSTEMS: NETWORKING

Certificate
Computer Information Systems: Networking (B31)

The networking associate certificate consists of a core of courses which provide job entry skills in the area of computer networks. This certificate can also be the foundation for advancement to higher level positions in an expanding field. Instruction includes hands-on system experience. This certificate is an expansion of the Networking certificate that adds training in network operating systems and general information systems theory.

Work and Employment

Networking associates are involved in the installation, use and maintenance of computer networks. They may set up the physical infrastructure for a network and use network operating systems to administrate and maintain network services, ranging from LANs to Internet services.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 27 Hours

Major Field Requirements

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS152	Introduction to Networks (ITN)	3 Hours

This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to LANs OSI model cabling cabling tools switching routing IP addressing and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 151 can be as co-requisite or approval of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS154	Switching/Routing/Wireless Ess	3 Hours

This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Switching Concepts VLANs STP DHCP LAN and WLAN Concepts Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 152Semester hours 3LectureLab Hours 2 lec2 labweek

CIS156	Enterprise Netw/Sec/Automation	3 Hours

This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Single-Area OSPFv2 Concepts and Configuration ACL Concepts NAT WAN Concepts VPN IPSec Network Design Network Troubleshooting Network Virtualization and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 154Semester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS257	Cyber Security Analysis	3 Hours

This course provides the knowledge and skill required to configure and use threat detection tools perform data analysis and interpret the results to identify vulnerabilities threats and risks to an organization with the end goal of securing and protecting applications and systems within an organization. This course is aligned with the CompTIA CySA certification and prepares the student for the CompTIA CySA exam. Prerequisite CIS 151 and CIS 197 CIS 197 can be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 15 Hours

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS152	Introduction to Networks (ITN)	3 Hours

This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to LANs OSI model cabling cabling tools switching routing IP addressing and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 151 can be as co-requisite or approval of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS154	Switching/Routing/Wireless Ess	3 Hours

This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Switching Concepts VLANs STP DHCP LAN and WLAN Concepts Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 152Semester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 12 Hours

Course #	Course Title	Hours
CIS156	Enterprise Netw/Sec/Automation	3 Hours

This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Single-Area OSPFv2 Concepts and Configuration ACL Concepts NAT WAN Concepts VPN IPSec Network Design Network Troubleshooting Network Virtualization and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 154Semester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS257	Cyber Security Analysis	3 Hours

This course provides the knowledge and skill required to configure and use threat detection tools perform data analysis and interpret the results to identify vulnerabilities threats and risks to an organization with the end goal of securing and protecting applications and systems within an organization. This course is aligned with the CompTIA CySA certification and prepares the student for the CompTIA CySA exam. Prerequisite CIS 151 and CIS 197 CIS 197 can be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

COMPUTER INFORMATION SYSTEMS: NETWORKING SPECIALIST

Computer Information Systems: Networking Specialist Associate in Applied Science (075)

This program is designed to prepare students for employment in business, industry and government. Computer network specialists are responsible to oversee the design, administration, and security of organizations' network infrastructure. In addition to the training provided by the certificates for networking, networking specialist and networking professional, the degree provides a stronger background in business.

Work and Employment

Computer network specialists are employed by all sectors of the economy including the communications industry. Network professionals are employed in large and small organizations with diverse responsibilities including supervision of computer network specialists.

Special Considerations

Computer network specialists must have the following skills and aptitudes: communicate well, work under pressure, show good judgment, be systematic and accurate. A clear understanding of computer technology and internetworking is important.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 61 Hours

Major Field Requirements - 36 Hours

Course #	Course Title	Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS152	Introduction to Networks (ITN)	3 Hours

This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to LANs OSI model cabling cabling tools switching routing IP addressing and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 151 can be as co-requisite or approval of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS154	Switching/Routing/Wireless Ess	3 Hours

This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Switching Concepts VLANs STP DHCP LAN and WLAN Concepts Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 152Semester hours 3LectureLab Hours 2 lec2 labweek

CIS156	Enterprise Netw/Sec/Automation	3 Hours

This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Single-Area OSPFv2 Concepts and Configuration ACL Concepts NAT WAN Concepts VPN IPSec Network Design Network Troubleshooting Network Virtualization and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 154Semester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS257	Cyber Security Analysis	3 Hours

This course provides the knowledge and skill required to configure and use threat detection tools perform data analysis and interpret the results to identify vulnerabilities threats and risks to an organization with the end goal of securing and protecting applications and systems within an organization. This course is aligned with the CompTIA CySA certification and prepares the student for the CompTIA CySA exam. Prerequisite CIS 151 and CIS 197 CIS 197 can be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

Electives - 6 Hours

Course #	Course Title	Hours
	CIS231 and CIS235 are Strongly Recommended	
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

CIS187	Intro to Cloud Computing	3 Hours

This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement maintain and deliver cloud technologies including network storage and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations manage cloud vendors to control costs use automation and orchestration to bring business value from cloud solutions and ensure security of cloud implementations using cybersecurity best practices. Prerequisite CIS 151 and 167 recommended may be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

CIS231	Occupational Seminar	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in CIS 235. Semester hours 1LectureLab Hours 1 lecweek

CIS235	Occupational Internship	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Prerequisite Concurrent enrollment in CIS 231. Semester hours 3LectureLab Hours 15 labweek

CIS290	Introduction to Servers	3 Hours

This course offers a hands-on approach to servers. Topics will include server architecture server administration storage security networking disaster recovery and troubleshooting server hardware and software. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments. Prerequisite CIS 194 or approval from instructor. Semester hours 3LectureLab Hours 2 lec2 labweek

CIS291	Intro to Windows Server Admin	3 Hours

This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install configure monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services AD DS in a distributed environment how to implement Group Policy how to perform backup and restore and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally this course teaches students how to deploy other Active Directory server roles such as Active Directory Federation Services AD FS and Active Directory Certificate Services AD CS. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments.Prerequisite CIS 290Semester hours 3LectureLab Hours 2 lec2 labweek

General Education Requirements - 18 Hours

Course #	Course Title	Hours
	Communications (ENG101 and ENG111 Required)	6 Hours
	Humanities / Fine Arts	3 Hours
	Social / Behavioral Sciences	3 Hours
	Physical / Life Sciences	3 Hours
	Mathematics (MAT106 or Higher Required)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 16 Hours

Course #	Course Title	Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Physical / Life Science	3 Hours
	Social / Behavioral Science	3 Hours
CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

Third Semester - 15 Hours

Course #	Course Title	Hours
	Mathematics (MAT106 or Higher)	3 Hours
	Electives (See Elective Options)	3 Hours
	Humanities / Fine Arts	3 Hours
CIS152	Introduction to Networks (ITN)	3 Hours

This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to LANs OSI model cabling cabling tools switching routing IP addressing and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 151 can be as co-requisite or approval of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS154	Switching/Routing/Wireless Ess	3 Hours

This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Switching Concepts VLANs STP DHCP LAN and WLAN Concepts Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 152Semester hours 3LectureLab Hours 2 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours

	Electives (See Elective Options)	3 Hours
CIS156	Enterprise Netw/Sec/Automation	3 Hours

This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Single-Area OSPFv2 Concepts and Configuration ACL Concepts NAT WAN Concepts VPN IPSec Network Design Network Troubleshooting Network Virtualization and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 154Semester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS257	Cyber Security Analysis	3 Hours

This course provides the knowledge and skill required to configure and use threat detection tools perform data analysis and interpret the results to identify vulnerabilities threats and risks to an organization with the end goal of securing and protecting applications and systems within an organization. This course is aligned with the CompTIA CySA certification and prepares the student for the CompTIA CySA exam. Prerequisite CIS 151 and CIS 197 CIS 197 can be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

COMPUTER INFORMATION SYSTEMS: PC TECHNICIAN

Certificate
Computer Information Systems: PC Technician (B29)

This PC Technician certificate is available for students who are interested in entry level employment in the computer field with a specialization as a personal computer technician.

Work and Employment

PC Technicians are involved in the installation, use and maintenance of computers. They may set up the physical computer and peripherals for end users. They are proficient in operating systems and are often the first responders to end users.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 18 Hours

Major Field Requirements

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

Suggested Program

First Semester - 9 Hours

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 9 Hours

Course #	Course Title	Hours
CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

COMPUTER INFORMATION SYSTEMS: SERVER SUPPORT SPECIALIST

Certificate
Computer Information Systems: Server Support Specialist (B28)

This Server Support Specialist certificate is available for students who are interested in entry level employment in Windows Server administration or support. It is also for those already working as systems administrators who want to validate their work experience with a certificate. Completing this sequence will also prepare students to sit for industry certifications sponsored through Microsoft Corporation and CompTIA.

Work and Employment

Server Support Specialists are involved in the maintenance and management of their organization's servers, often acting as a junior systems administrator. They may set up the physical computer and peripherals for end users as well as maintain the organization's network. They may also assist with Active Directory management, installation and troubleshooting servers, and related issues.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 30 Hours

Major Field Requirements

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts

of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS187	Intro to Cloud Computing	3 Hours

This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement maintain and deliver cloud technologies including network storage and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations manage cloud vendors to control costs use automation and orchestration to bring business value from cloud solutions and ensure security of cloud implementations using cybersecurity best practices. Prerequisite CIS 151 and 167 recommended may be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS290	Introduction to Servers	3 Hours

This course offers a hands-on approach to servers. Topics will include server architecture server administration storage security networking disaster recovery and troubleshooting server hardware and software. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments. Prerequisite CIS 194 or approval from instructor. Semester hours 3LectureLab Hours 2 lec2 labweek

CIS291	Intro to Windows Server Admin	3 Hours

This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install configure monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services AD DS in a distributed environment how to implement Group Policy how to perform backup and restore and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally this course teaches students how to deploy other Active Directory server roles such as Active Directory Federation Services AD FS and Active Directory Certificate Services AD CS. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments.Prerequisite CIS 290Semester hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 12 Hours

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS187	Intro to Cloud Computing	3 Hours

This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement maintain and deliver cloud technologies including network storage and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations manage cloud vendors to control costs use automation and orchestration to bring business value from cloud solutions and ensure security of cloud implementations using cybersecurity best practices. Prerequisite CIS 151 and 167 recommended may be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 12 Hours

Course #	Course Title	Hours
CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

Third Semester - 6 Hours

Course #	Course Title	Hours
CIS290	Introduction to Servers	3 Hours

This course offers a hands-on approach to servers. Topics will include server architecture server administration storage security networking disaster recovery and troubleshooting server hardware and software. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments. Prerequisite CIS 194 or approval from instructor. Semester hours 3LectureLab Hours 2 lec2 labweek

CIS291	Intro to Windows Server Admin	3 Hours

This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install configure monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services AD DS in a distributed environment how to implement Group Policy how to perform backup and restore and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally this course teaches students how to deploy other Active Directory server roles such as Active Directory Federation Services AD FS and Active Directory Certificate Services AD CS. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments.Prerequisite CIS 290Semester hours 3LectureLab Hours 2 lec2 labweek

COMPUTER INFORMATION SYSTEMS: WINDOWS SERVER ADMINISTRATOR

Computer Information Systems: Windows Server Administrator Associate in Applied Science (077)

This program is designed to prepare students for employment as a Windows Server/System Administrator in any industry utilizing computer client/server networks of all sizes. System Administrators are responsible for configuring, maintaining, and administering hardware and operating systems at the server and client level. Completing certain sequences in this curriculum will also prepare students to sit for industry certifications sponsored through Microsoft Corporation and CompTIA.

The type of jobs for which it would train graduates:

- Server Administrator
- Server Support
- Network Support Technician
- Network Support Administrator

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Greg Noack, Assistant Professor of Computer Information Systems, 815-835-6434

Total Hours Required - 61 Hours

Major Field Requirements - 33 Hours

Course #	Course Title	Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS187	Intro to Cloud Computing	3 Hours

This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement maintain and deliver cloud technologies including network storage and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations manage cloud vendors to control costs use automation and orchestration to bring business value from cloud solutions and ensure security of cloud implementations using cybersecurity best practices. Prerequisite CIS 151 and 167 recommended may be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

CIS290	Introduction to Servers	3 Hours

This course offers a hands-on approach to servers. Topics will include server architecture server administration storage security networking disaster recovery and troubleshooting server hardware and software. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments. Prerequisite CIS 194 or approval from instructor. Semester hours 3LectureLab Hours 2 lec2 labweek

CIS291	Intro to Windows Server Admin	3 Hours

This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install configure monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services AD DS in a distributed environment how to implement Group Policy how to perform backup and restore and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally this course teaches students how to deploy other Active Directory server roles such as Active Directory

Federation Services AD FS and Active Directory Certificate Services AD CS. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments.Prerequisite CIS 290Semester hours 3LectureLab Hours 2 lec2 labweek

General Education Requirements - 18 Hours

Course #	Course Title	Hours
	Communications (ENG101 and ENG111 Required)	6 Hours
	Humanities / Fine Arts	3 Hours
	Social / Behavioral Sciences	3 Hours
	Physical / Life Sciences	3 Hours
	Mathematics (MAT106 or Higher Required)	3 Hours

Elective Options - 9 Hours

Course #	Course Title	Hours
	CIS231 and CIS235 are Strongly Recommended	
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

CIS152	Introduction to Networks (ITN)	3 Hours

This is the first of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to LANs OSI model cabling cabling tools switching routing IP addressing and network standards in accordance with the Cisco CCNA Certification Track. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 151 can be as co-requisite or approval of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS154	Switching/Routing/Wireless Ess	3 Hours

This is the second of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Switching Concepts VLANs STP DHCP LAN and WLAN Concepts Routing and Troubleshooting Networks in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 152Semester hours 3LectureLab Hours 2 lec2 labweek

CIS156	Enterprise Netw/Sec/Automation	3 Hours

This is the third of three courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment andor further education and training in the computer networking field. Instruction includes but is not limited to Single-Area OSPFv2 Concepts and Configuration ACL Concepts NAT WAN Concepts VPN IPSec Network Design Network Troubleshooting Network Virtualization and Network Automation in accordance with the Cisco CCNA Certification. Emphasis is given to the use of decision-making and problem-solving techniques to solve networking problems. Prerequisite CIS 154Semester hours 3LectureLab Hours 2 lec2 labweek

CIS231	Occupational Seminar	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in CIS 235. Semester hours 1LectureLab Hours 1 lecweek

CIS235	Occupational Internship	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Prerequisite Concurrent enrollment in CIS 231. Semester hours 3LectureLab Hours 15 labweek

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 16 Hours

Course #	Course Title	Hours
CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS151	Network Certification	3 Hours

This course offers a hands-on approach to computer networking. Students will be introduced to a variety of networking hardware and software. Students will examine the application of networking hardware and software and install configure and troubleshoot end to end networks. The course will introduce the most popular and recent technologies. This course is designed to prepare the successful student for the CompTIA N network certification. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS167	A+ Certification	3 Hours

This course offers a hands-on approach to microcomputer maintenance. This course will introduce a history of personal computer evolution as well as the most popular and recent technologies. Students will examine the personal computer laptops and portable devices current operating systems printing scanning techniques basic networking safety and professionalism. This course is designed to prepare the successful student for the CompTIA A Essentials and A Technician exams. Prerequisite NoneSemester hours 3LectureLab Hours 2 lec2 labweek

CIS187	Intro to Cloud Computing	3 Hours

This introduction to Cloud Computing course will prepare students with the skills required to evaluate and implement standard cloud technologies. Students will implement maintain and deliver cloud technologies including network storage and virtualization technologies to create cloud solutions. This course will also teach students to manage workload migrations manage cloud vendors to control costs use automation and orchestration to bring business value from cloud solutions and ensure security of cloud implementations using cybersecurity best practices. Prerequisite CIS 151 and 167 recommended may be taken concurrentlySemester hours 3LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Physical / Life Science	3 Hours
	Social / Behavioral Science	3 Hours
CIS186	Intro to Virtualization	3 Hours

This introduction to Virtualization course will prepare students with the skills required to evaluate and implement standard virtualization technologies. Students will explore creating a virtual machine its benefits and be able to describe types of virtualization used for data centers. Additionally students will be able to describe virtualization virtual machines hypervisors and various standard virtualization platform components and describe the concepts of server network storage and desktop virtualization. Students will understand how individuals and businesses benefit from virtualization.Prerequisite CIS 101 or CIS 109 or consent of instructorSemester hours 3LectureLab Hours 2 lec2 labweek

CIS194	Managing Modern Windows Device	3 Hours

This course is designed to teach you the foundation knowledge to accomplish the following technical tasks deploy Windows manage devices and data configure connectivity and maintain Windows.Prerequisite CIS 101 or CIS 167 or instructor consentSemester hours 3LectureLab Hours 2 lec2 labweek

CIS197	Security + Certification	3 Hours

This course offers a hands-on approach to network security principles. An in-depth overview of recognizing and protecting against risks and threats to an organizations electronic data will be addressed. This course prepares students for the current CompTIAs Security Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisite or approval from instructorSemester hours 3LectureLab Hours 2 lec2 labweek

Third Semester - 15 Hours

Course #	Course Title	Hours
	Mathematics (MAT106 or Higher)	3 Hours
	Electives (See Elective Options)	6 Hours
CIS290	Introduction to Servers	3 Hours

This course offers a hands-on approach to servers. Topics will include server architecture server administration storage security networking disaster recovery and troubleshooting server hardware and software. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments. Prerequisite CIS 194 or approval from instructor. Semester hours 3LectureLab Hours 2 lec2 labweek

CIS291	Intro to Windows Server Admin	3 Hours

This course is intended to provide an introduction to the Microsoft Server operating system. Topics will include how to install configure monitor and maintain Microsoft Servers. Additional topics will focus on how to deploy and configure Active Directory Domain Services AD DS in a distributed environment how to implement Group Policy how to perform backup and restore and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016. Additionally this course teaches students how to deploy other Active Directory server roles such as Active Directory Federation Services AD FS and Active Directory Certificate Services AD CS. This accelerated hybrid course will combine lectures labs videos simulations and group and individual assignments.Prerequisite CIS 290Semester hours 3LectureLab Hours 2 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Electives (See Elective Options)	3 Hours
	Humanities / Fine Arts	3 Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS250	Beginning Linux	3 Hours

This course will provide a comprehensive look at common tasks performed by Linux system administrators. This includes installation management of Linux systems from the command line and the GUI user administration file permissions customization software configuration management of Linux-based clients troubleshooting and more. Expanded coverage of networking and security are covered. This course covers all the objectives and will prepare the student for the current CompTIAs Linux Certification Exam.Prerequisite CIS 151 or CIS 152 or CIS 167 may be taken as co-requisites or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

COMPUTER SCIENCE/INFORMATION TECHNOLOGY TRACK

Associate in Arts Degree with a Concentration in Computer Science / Information Technology Track (641)

The concentration in Computer Science prepares students to transfer to four-year universities to pursue a bachelor's degree in Computer Science or Computer Information Systems.

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. Bachelor's degree programs in Computer Science encompass two distinct emphases: an information systems or business emphasis and a technical emphasis. While either emphasis will prepare a student for a computing career, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and managed. For both emphases, starting positions include

such titles as programmer, programmer-analyst, and network analyst. The associate of arts degree corresponds to the information systems emphasis. The associate of science degree corresponds to the technical track. Be sure to see an academic advisor or computer science faculty member to select the appropriate emphasis for you.

2. The core of the computer science degree consists of the four-course sequence CIS 150, CIS 207, CIS 208, MAT 230. Of these, CIS 207 and 208 together cover the foundations of algorithms and data structures, which is prerequisite knowledge required by almost every transfer institution.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251

Minimum Total Credit Hours - 67-68 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

CIS101	Fund of Computer Info Systems	3 Hours

This course provides an introduction to the fundamentals of computer information systems through a comprehensive study of the development history growth and application of the computer as a tool of information systems. The student will gain a functional understanding of computer hardware systems software storage devices telecommunications database theory and applications operating systems programming languages software development systems analysis and design and management information systems. Issues of computer security Internet and ethics will be stressed throughout the course. The student will be provided with a balance of real-world applications and technical information of information systems. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS150	Fund Bus Computer Programming	3 Hours

This course introduces students to programming logic presenting the techniques of problem analysis and program design. Several business- oriented algorithms will be designed by the student using flowcharts pseudocode and other programming logic tools.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 16-17 Hours

Course #	Course Title	Hours
**	Life Science	3-4 Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS214	Business Statistics	3 Hours

This course is an introduction to business statistics in which methods of collection presentation and interpretation of quantitative data is studied. Emphasis is placed on the interpretation of data with such topics as averages dispersion probability sampling tests of significance and simple linear correlation being studied. Prerequisite MAT 121 or appropriate placementSemester hours 3Illinois Articulation Initiative IAI BUS 901LectureLab Hours 3 lecweek

CIS207	C++ Programming	3 Hours

This course teaches structured computer programming in the C language. It emphasizes structured design and procedural and data abstraction. It covers the fundamental control structures and data types in C.Prerequisite MAT 081 or MAT 090 with a grade of C or better OR two years of high school algebra with grades of C or better OR appropriate placement score AND CIS 150 or consent of instructor.Semester hours 3Illinois Articulation Initiative IAI CS 911LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 18 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
CIS208	C++ Programming II	3 Hours

This course builds on the material in CIS 207 in teaching structured programming using the C programming language. It emphasizes abstract data types in addition to exploring sorting searching and recursion. Prerequisite CIS 207 Semester hours 3Illinois Articulation Initiative IAI CS 912LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

MAT230	Discrete Mathematics	3 Hours

Introduction to analysis of finite collections and mathematical foundations of sequential machines computer system design data structures and algorithms. Includes sets and logic counting recursion graph theory trees nets Boolean algebra automata formal grammars and languages and algorithm analysis big OPrerequisite a grade of C or better in MAT 121 College Algebra or higher OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 905 CS 915LectureLab Hours 3 lecweek

Fourth Semester - 15-16 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Fine Arts	3 Hours
	Personal Development	3 Hours

**	Physical Science	3-4 Hours
ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

Footnotes

* CIS 150 or previous programming experience required as a prerequisite for CIS 207.

** One lab science required.

COMPUTER SCIENCE/TECHNICAL TRACK

Associate in Science Degree with a Concentration in Computer Science/Technical Track (840)

The concentration is Computer Science prepares students to transfer to four-year universities to pursue a bachelor's degree in Computer Science.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Computer Science - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Bachelor's degree programs in Computer Science encompass two distinct emphases: an information systems (or business) emphasis and a technical emphasis. While either emphasis will prepare a student for a computing career, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and managed. For both emphases, starting positions include such titles as programmer, programmer-analyst, and network analyst. The associate of arts degree corresponds to the information systems emphasis. The associate of science degree corresponds to the technical track. Be sure to see an academic advisor or computer science faculty member to select the appropriate emphasis for you.
2. The core of the computer science degree consists of the four-course sequence CIS 150 – CIS 207 – CIS 208 – MAT 230. Of these, CIS 207 and 208 together cover the foundations of algorithms and data structures, which is prerequisite knowledge required by almost every transfer institution.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Life Science	3 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
CIS207	C++ Programming	3 Hours

This course teaches structured computer programming in the C language. It emphasizes structured design and procedural and data abstraction. It covers the fundamental control structures and data types in C.Prerequisite MAT 081 or MAT 090 with a grade of C or better OR two years of high school algebra with grades of C or better OR appropriate placement score AND CIS 150 or consent of instructor.Semester hours 3Illinois Articulation Initiative IAI CS 911LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

PHY211	Engineering Physics I	5 Hours

An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics Newtons Laws rotational motion equilibrium harmonic motion and waves. Prerequisite High school physics or PHY 201 and MAT 203. Semester Hours 5Illinois Articulation Initiative IAI P2 900L and PHY 911LectureLab Hours 4 lec2 labweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Personal Development	3 Hours
CIS208	C++ Programming II	3 Hours

This course builds on the material in CIS 207 in teaching structured programming using the C programming language. It emphasizes abstract data types in addition to exploring sorting searching and recursion. Prerequisite CIS 207 Semester hours 3Illinois Articulation Initiative IAI CS 912LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

MAT230	Discrete Mathematics	3 Hours

Introduction to analysis of finite collections and mathematical foundations of sequential machines computer system design data structures and algorithms. Includes sets and logic counting recursion graph theory trees nets Boolean algebra automata formal grammars and languages and algorithm analysis big OPrerequisite a grade of C or better in MAT 121 College Algebra or higher OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 905 CS 915LectureLab Hours 3 lecweek

PHY212	Engineering Physics II	5 Hours

An examination of the basic principles of electricity and magnetism with selected topics in electric and magnetic fields potentials network theory dielectric and magnetic properties of matter capacitance inductance dc and ac circuits Maxwells equations and electromagnetic waves. Prerequisite PHY 211 and MAT 204 or concurrent enrollment in MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 912LectureLab Hours 4 lec2 labweek

- OR -

	Additional Physical Science	4-5 Hours

Fourth Semester - 16 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Humanities / Fine Arts	3 Hours

- OR -

	Major Field Requirements	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

- OR -

	Major Field Requirements	3 Hours
MAT205	Calc & Analytic Geometry III	4 Hours

The elementary ideas concerning conic sections polar curves and vector-valued and multivariate functions are covered. These topics include area arc length and tangents for polar curves. In addition vectors vector derivatives curvature and motion in two and three space are studied. The multivariate concepts of differentiability partial differentiation gradient vectors LaGrange multipliers finding relative extreme values and multiple integration are studied. The course also includes material on vector fields line integrals independence of path Greens Theorem surface integrals the Divergence Theorem and Stokess Theorem.Prerequisite MAT 204 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-3 MTH 903LectureLab Hours 4 lecweek

Footnotes

* **CIS207** - CIS 150 or previous programming experience required as a prerequisite.

* **PHY212 / MAT205** - Students should complete the entire course sequence in calculus and physics at the same school before transferring.

CRIMINAL JUSTICE

Associate in Arts Degree with a Concentration in Criminal Justice (624)

The concentration in Criminal Justice - Law Enforcement prepares students to transfer to four-year universities to pursue a bachelor's degree in Criminal Justice and/or Law Enforcement.

Criminal Justice - IAI Recommended Course Sequence

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

Competitive Admissions

Community College students interested in completing bachelor's degrees in Criminal Justice and related majors are strongly encouraged to complete an Associate degree prior to transfer.

Criminal Justice (CJS) courses will be accepted in transfer by baccalaureate schools, but they may or may not substitute for professional coursework required for the major. The courses will be accepted as general electives if not accepted as core or elective courses in the major.

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Consideration

Students should be knowledgeable in the use of computers, i.e., be able to negotiate an operating system; access the Internet; and use word processing, database and spreadsheet software.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Stephen F. Miko, Professor, Criminal Justice, 815-835-6256

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
**	Mathematics	3 Hours
CJS101	Intro to Criminal Justice	3 Hours

The course examines the history development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies using a general career-oriented approach. Specific lectures include those topics such as criminal law criminal offenses and offenders and agencies responsible for the prevention and control of crime.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 901LectureLab Hours 3 lecweek

CJS130	Criminal Investigation	3 Hours

The guidelines and requisites for criminal investigators are defined and developed through a general orientation examining both preliminary and supplementary criminal investigations. Specific types of crime are examined in terms of statutory elements modus operandi evidence development and collection sources of information interview and interrogation suspect identification reporting and courtroom presentation and procedure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Personal Development	1 Hour
CJS135	Criminal Law	3 Hours

The factors relevant to resolution and decision in the bringing forth of criminal charges are developed within the adversary system. The basic principles of criminal liability are reviewed laying the foundation for considering specific offenses against property habitation and persons. Special consideration is given to the criminal law within Illinois. Prerequisite CJS 101 is recommended but not required.Semester hours 3LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
***	Life Science	3-4 Hours
	Personal Development	1 Hour
CJS120	Introduction to Corrections	3 Hours

The course is an introduction and analysis of punishment custody and rehabilitation as administered by law enforcement courts and corrections. It includes an overview of the history evolution and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings and issues of constitutional law related to corrections will also be examined. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 911LectureLab Hours 3 lecweek

CJS208	Juvenile Delinquency	3 Hours

The course is an analysis of the social and psychological factors of delinquent behavior. The practical application of theories causation prevention and rehabilitation is considered with regard to programs. The role of the juvenile police corrections and probation officers is considered as well as a look at the Illinois Juvenile Court Act.Prerequisite None CJS 101 is recommended.Semester hours 3Illinois Articulation Initiative IAI CRJ 914LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
***	Physical Science	3-4 Hours
	Humanities / Fine Arts	3 Hours
	Personal Development	1 Hour
	Electives	3 Hours
CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CJS238	Criminology	3 Hours

The course is an analysis of the theories of criminology. Crime in relation to physical and psychological factors to cultural areas to the family and to other social institutions will be examined. Consideration is given to professional crime and white collar crime. Prerequisite SOC 111Semester hours 3Illinois Articulation Initiative IAI CRJ 912LectureLab Hours 3 lecweek

Footnotes

* Western Illinois University recommends completion of CJS 101, 130, 135 and 208. Other CJS courses transfer as elective credit.

** Transfer institution will determine most appropriate mathematics course(s).

*** One lab science required.

CRIMINAL JUSTICE-LAW ENFORCEMENT

Criminal Justice-Law Enforcement

Associate in Applied Science (081)

This program prepares students for careers in law enforcement agencies such as municipal police departments, county sheriffs' departments, state police and private security. The program includes general education courses and provides an emphasis on criminal justice courses and supportive social science courses.

Nature of Work and Employment

Law enforcement majors pursue careers as municipal police officers, sheriffs' deputies, state troopers and private security guards. The job market in law enforcement is closely tied to legislation to fund it. If funding of tax supported law enforcement does not meet society's demand for law enforcement, growth will occur in the market for trained personnel in private security.

Special Considerations

Law enforcement students should cultivate their communications skills. Much of effective law enforcement is based on the communication skills of arresting officers. Students should also be aware of the strength and agility standards required of applicants by law enforcement agencies in Illinois. The College offers a wide range of physical education courses and a super circuit fitness center for those who are concerned about meeting these requirements. Younger students should seriously consider studying for a bachelor's degree as the job market for law enforcement majors is competitive. Previous criminal record and felony convictions can negatively impact the opportunity to gain employment in the field.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Stephen F. Miko, Professor, Criminal Justice, 815-835-6256

Total Hours Required - 61 Hours

Major Field Requirements - 27 Hours

Course #	Course Title	Hours
	CJS Elective (CJS250 Recommended)	3 Hours
CJS130	Criminal Investigation	3 Hours

The guidelines and requisites for criminal investigators are defined and developed through a general orientation examining both preliminary and supplementary criminal investigations. Specific types of crime are examined in terms of statutory elements modus operandi evidence development and collection sources of information interview and interrogation suspect identification reporting and courtroom presentation and procedure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CJS200	Ethics in Criminal Justice	3 Hours

Ethics is the study of right and wrong good and evil. It involves all aspects of who we are our minds hearts relationships with each other and the intentions and motives for our actions. During this course students become more aware and open to moral and ethical issues in criminal justice and students learn to develop critical thinking and analytical skills causing them to be more personally responsible. The educational process of ethics is recognizing how criminal justice is engaged in a process of authority coercive power and selective discretionary authority. This course will develop whole sight in creation of a vision of ethical and moral standards within the criminal justice environment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CJS231	Criminal Evidence & Procedure	3 Hours

Criminal evidence for police types of evidence criminal procedures in various courts arrest search and seizure collection of evidence discretion and related topics. Prerequisite None. CJS 135 is recommended. Semester hours 3LectureLab Hours 3 lecweek

CJS232	Police and Patrol Operations	3 Hours

This course is a study of the responsibility techniques and methods of police patrol. This includes the areas of patrol distribution selective enforcement pull-over and approach methods emergency pursuit driving search of suspects and buildings field interrogations and procedures in handling police-called-for services.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CJS233	Community Policing	3 Hours

This course examines proactive community-oriented policing and problem solving COPPS in the context of changes in law enforcement agencies and communities. Students will be provided with relevant information to understand the COPPS philosophy and its applications for law enforcement and society. Also students will gain experience in understanding policy and program development from beginning to end and the process of analyzing problems and setting goals and objectives as well as how to design programs and policies and conduct action planning and experience the process of implementing monitoring and evaluating outcomes through reassessingreviewing. Prerequisite CJS 101 or permission of instructorSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches

of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Criminal Justice Core Courses - 15 Hours

Course #	Course Title	Hours
CJS101	Intro to Criminal Justice	3 Hours

The course examines the history development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies using a general career-oriented approach. Specific lectures include those topics such as criminal law criminal offenses and offenders and agencies responsible for the prevention and control of crime.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 901LectureLab Hours 3 lecweek

CJS120	Introduction to Corrections	3 Hours

The course is an introduction and analysis of punishment custody and rehabilitation as administered by law enforcement courts and corrections. It includes an overview of the history evolution and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings and issues of constitutional law related to corrections will also be examined. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 911LectureLab Hours 3 lecweek

CJS135	Criminal Law	3 Hours

The factors relevant to resolution and decision in the bringing forth of criminal charges are developed within the adversary system. The basic principles of criminal liability are reviewed laying the foundation for considering specific offenses against property habitation and persons. Special consideration is given to the criminal law within Illinois. Prerequisite CJS 101 is recommended but not required.Semester hours 3LectureLab Hours 3 lecweek

CJS208	Juvenile Delinquency	3 Hours

The course is an analysis of the social and psychological factors of delinquent behavior. The practical application of theories causation prevention and rehabilitation is considered with regard to programs. The role of the juvenile police corrections and probation officers is considered as well as a look at the Illinois Juvenile Court Act.Prerequisite None CJS 101 is recommended.Semester hours 3Illinois Articulation Initiative IAI CRJ 914LectureLab Hours 3 lecweek

CJS238	Criminology	3 Hours

The course is an analysis of the theories of criminology. Crime in relation to physical and psychological factors to cultural areas to the family and to other social institutions will be examined. Consideration is given to professional crime and white collar crime. Prerequisite SOC 111Semester hours 3Illinois Articulation Initiative IAI CRJ 912LectureLab Hours 3 lecweek

General Education Requirements - 18 Hours

Course #	Course Title	Hours
	Communications (ENG101 Required and One of the following: COM131, ENG103, ENG 111)	6 Hours
	Humanities / Fine Arts	3 Hours
	Social / Behavioral Science (SOC111 Required)	3 Hours
	Physical / Life Science	3 Hours
	Mathematics (MAT106 or Higher Required)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 16 Hours

Course #	Course Title	Hours
	Mathematics (MAT106 or Higher)	3 Hours
CJS101	Intro to Criminal Justice	3 Hours

The course examines the history development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies using a general career-oriented approach. Specific lectures include those topics such as criminal law criminal offenses and offenders and agencies responsible for the prevention and control of crime.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 901LectureLab Hours 3 lecweek

CJS120	Introduction to Corrections	3 Hours

The course is an introduction and analysis of punishment custody and rehabilitation as administered by law enforcement courts and corrections. It includes an overview of the history evolution and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings and issues of constitutional law related to corrections will also be examined. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 911LectureLab Hours 3 lecweek

CJS130	Criminal Investigation	3 Hours

The guidelines and requisites for criminal investigators are defined and developed through a general orientation examining both preliminary and supplementary criminal investigations. Specific types of crime are examined in terms of statutory elements modus operandi evidence development and collection sources of information interview and interrogation suspect identification reporting and courtroom presentation and procedure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CJS232	Police and Patrol Operations	3 Hours

This course is a study of the responsibility techniques and methods of police patrol. This includes the areas of patrol distribution selective enforcement pull-over and approach methods emergency pursuit driving search of suspects and buildings field interrogations and procedures in handling police-called-for services.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

- OR -

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

- OR -

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals

of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Third Semester - 15 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
CJS200	Ethics in Criminal Justice	3 Hours

Ethics is the study of right and wrong good and evil. It involves all aspects of who we are our minds hearts relationships with each other and the intentions and motives for our actions. During this course students become more aware and open to moral and ethical issues in criminal justice and students learn to develop critical thinking and analytical skills causing them to be more personally responsible. The educational process of ethics is recognizing how criminal justice is engaged in a process of authority coercive power and selective discretionary authority. This course will develop whole sight in creation of a vision of ethical and moral standards within the criminal justice environment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CJS208	Juvenile Delinquency	3 Hours

The course is an analysis of the social and psychological factors of delinquent behavior. The practical application of theories causation prevention and rehabilitation is considered with regard to programs. The role of the juvenile police corrections and probation officers is considered as well as a look at the Illinois Juvenile Court Act.Prerequisite None CJS 101 is recommended.Semester hours 3Illinois Articulation Initiative IAI CRJ 914LectureLab Hours 3 lecweek

CJS233	Community Policing	3 Hours

This course examines proactive community-oriented policing and problem solving COPPS in the context of changes in law enforcement agencies and communities. Students will be provided with relevant information to understand the COPPS philosophy and its applications for law enforcement and society. Also students will gain experience in understanding policy and program development from beginning to end and the process of analyzing problems and setting goals and objectives as well as how to design programs and policies and conduct action planning and experience the process of implementing monitoring and evaluating outcomes through reassessingreviewing. Prerequisite CJS 101 or permission of instructorSemester hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Physical / Life Science	3 Hours
CJS135	Criminal Law	3 Hours

The factors relevant to resolution and decision in the bringing forth of criminal charges are developed within the adversary system. The basic principles of criminal liability are reviewed laying the foundation for considering specific offenses against property habitation and persons. Special consideration is given to the criminal law within Illinois. Prerequisite CJS 101 is recommended but not required.Semester hours 3LectureLab Hours 3 lecweek

CJS231	Criminal Evidence & Procedure	3 Hours

Criminal evidence for police types of evidence criminal procedures in various courts arrest search and seizure collection of evidence discretion and related topics. Prerequisite None. CJS 135 is recommended. Semester hours 3LectureLab Hours 3 lecweek

CJS238	Criminology	3 Hours

The course is an analysis of the theories of criminology. Crime in relation to physical and psychological factors to cultural areas to the family and to other social institutions will be examined. Consideration is given to professional crime and white collar crime. Prerequisite SOC 111Semester hours 3Illinois Articulation Initiative IAI CRJ 912LectureLab Hours 3 lecweek

	CJS Elective (CJS250 - Criminal Justice Practicum Recommended)	3 Hours

CRIMINAL JUSTICE: CORRECTIONS

Certificate
Criminal Justice: Corrections (C50)

The Corrections certificate program is designed to prepare future correctional officers for the duties and tasks related to the field of corrections. Students completing the certificate will gain knowledge and competencies to enter the field of corrections at the state or federal level.

Work and Employment

Graduates could apply for federal, state, and local correctional officer positions in our district.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Stephen F. Miko, Professor, Criminal Justice, 815-835-6256

Total Hours Required - 18 Hours

Major Field Requirements

Course #	Course Title	Hours
CJS101	Intro to Criminal Justice	3 Hours

The course examines the history development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies using a general career-oriented approach. Specific lectures include those topics such as criminal law criminal offenses and offenders and agencies responsible for the prevention and control of crime.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 901LectureLab Hours 3 lecweek

CJS120	Introduction to Corrections	3 Hours

The course is an introduction and analysis of punishment custody and rehabilitation as administered by law enforcement courts and corrections. It includes an overview of the history evolution and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings and issues of constitutional law related to corrections will also be examined. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 911LectureLab Hours 3 lecweek

CJS200	Ethics in Criminal Justice	3 Hours

Ethics is the study of right and wrong good and evil. It involves all aspects of who we are our minds hearts relationships with each other and the intentions and motives for our actions. During this course students become more aware and open to moral and ethical issues in criminal justice and students learn to develop critical thinking and analytical skills causing them to be more personally responsible. The educational process of ethics is recognizing how criminal justice is engaged in a process of authority coercive power and selective discretionary authority. This course will develop whole sight in creation of a vision of ethical and moral standards within the criminal justice environment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

PSY217	Abnormal Psychology	3 Hours

Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders their symptoms etiologies courses treatment outcomes and related research methods and findings are core to the course. Applications to daily life allied health criminal justice human development and various other clinical settings will be common.Prerequisite PSY 103 or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI PSY 905LectureLab Hours 3 lecweek

PSY270	Drugs:Examining Effects/Social	3 Hours

This course is designed to improve knowledge about substance use. It will help the student understand the general phenomena of substance use etiology psychological and biological effects impact on individual functioning legal social and treatment issues. Students will acquire a broad overview of the field. Prerequisite PSY 103 or consent of instructor. 3 Semester hoursLectureLab Hours 3 lecweek

Suggested Program

First Semester - 9 Hours

Course #	Course Title	Hours
CJS101	Intro to Criminal Justice	3 Hours

The course examines the history development and philosophy of the American criminal justice system. It includes discussions of the types of agencies involved in the administration of criminal justice and policies and procedures followed by those agencies using a general career-oriented approach.

Specific lectures include those topics such as criminal law criminal offenses and offenders and agencies responsible for the prevention and control of crime.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 901LectureLab Hours 3 lecweek

CJS200	Ethics in Criminal Justice	3 Hours

Ethics is the study of right and wrong good and evil. It involves all aspects of who we are our minds hearts relationships with each other and the intentions and motives for our actions. During this course students become more aware and open to moral and ethical issues in criminal justice and students learn to develop critical thinking and analytical skills causing them to be more personally responsible. The educational process of ethics is recognizing how criminal justice is engaged in a process of authority coercive power and selective discretionary authority. This course will develop whole sight in creation of a vision of ethical and moral standards within the criminal justice environment.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 9 Hours

Course #	Course Title	Hours
CJS120	Introduction to Corrections	3 Hours

The course is an introduction and analysis of punishment custody and rehabilitation as administered by law enforcement courts and corrections. It includes an overview of the history evolution and philosophy of the United States correctional system. The operation and administration of institutional and non-institutional settings and issues of constitutional law related to corrections will also be examined. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI CRJ 911LectureLab Hours 3 lecweek

PSY217	Abnormal Psychology	3 Hours

Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders their symptoms etiologies courses treatment outcomes and related research methods and findings are core to the course. Applications to daily life allied health criminal justice human development and various other clinical settings will be common.Prerequisite PSY 103 or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI PSY 905LectureLab Hours 3 lecweek

PSY270	Drugs:Examining Effects/Social	3 Hours

This course is designed to improve knowledge about substance use. It will help the student understand the general phenomena of substance use etiology psychological and biological effects impact on individual functioning legal social and treatment issues. Students will acquire a broad overview of the field. Prerequisite PSY 103 or consent of instructor. 3 Semester hoursLectureLab Hours 3 lecweek

DIAGNOSTIC MEDICAL SONOGRAPHY

Diagnostic Medical Sonography Associate in Applied Science (050)

The Diagnostic Medical Imaging in Sonography (DMS) Associate Degree Program provides students with didactic, laboratory, and clinical education/experience in preparation for a health career as a Diagnostic Medical Imaging Sonographer. The graduate will demonstrate competency to meet registry requirements, deliver compassionate patient care, and function as an integral member of the healthcare team with competence and confidence. Program policies and procedures have been designed to meet or exceed those established by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon recommendation by the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS).

Work and Employment

The program will train graduates for jobs related to the Health Science Career Cluster within the Diagnostic Services pathway. Specific occupational titles will include Diagnostic Medical Sonographer, Medical Sonographer, Sonographer, Ultrasonographer, Ultrasound Technologist, and Ultrasound Tech.

Special Considerations

Prior to completion of the program, the student becomes eligible to sit for multiple national registry exams provided by the American Registry for Diagnostic Medical Sonography (ARDMS). This program will prepare students for the following registry exams: Sonography Principles and Instrumentation (SPI), Abdomen (AB), Obstetrics and Gynecology (OB/GYN), and Vascular Technology (VT). Satisfactory results on the exams will provide the student/graduate with the following credentials - 'Registered Diagnostic Medical Sonographer (RDMS) and 'Registered Vascular Technologist (RVT)'. The earning of such credentials prior to employment or within a specific time frame indicated by the employer is necessary to work in the field. The SPI exam can be taken as soon as the Physics and Instrumentation courses are successfully completed during the program. The specialty exams AB, OB/GYN, and VT can be taken 60 days prior to program completion under the ARDMS Paperless Application Program. The college has followed the standards and guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Admission Requirements:

English Language Arts (One of these following criteria must be met. Any valid standard of proficiency can be used to apply.)

- Placed into ENG 101: Composition I using any valid standard of proficiency
- Completed ELA 099 (formerly ENG 099) or ENG 101 with a grade of "C" or higher
- Completed an equivalent English course at another college or university with a grade of "C" or higher

Complete the following with a “C” or higher:

- BIO 109 Human Anatomy & Physiology I - 4 Sem hrs.
- MAT 112 Quantitative Literacy - 3-4 Sem hrs.
  OR MAT 121 College Algebra or higher as options (excluding MAT 110 MAT 111, MAT 115, and MAT 240)
- PHY 175 Introduction to Physics (or higher) - 4-5 Sem hrs.

Other Academic Requirements:

- A minimum of fifteen hours of earned college credit from the General Education Courses listed above with at least an overall CGPA of 2.5 or higher

Admissions Procedures

Complete the following with a "C" or higher:

- NRS 116 Med Terminology for Health Careers - 3 Sem hrs.
- DMS 198 Intro to Pathophysiology for Sonographer - 1 Sem hr.

Program Requirements

- Students who wish to apply to the Sonography program MUST attend a Sonography informational meeting prior to application. Meetings are held once a month. Please call Academic Advising at 815-835-6354 or Health Professions at 815-835-6374 to register for the informational meeting.
- Assessment Technologies Inc. (ATI) valid printout for the Health Occupations Basic Entrance test (TEAS). Go to www.atitesting.com to set up an account for testing at SVCC. After the account has been established, contact the SVCC Testing Center (815-835-6530) to schedule the test date. A test fee is required.
- Students MUST meet with the Sonography advisor in order to create a valid progression plan for program application.
- Submit required paperwork including program application, TEAS score, two recommendation forms and the progression plan to the Office of Health Professions.

Application Deadlines

- Priority Deadline-June 1 (for in-district or approved cooperative students) As Space Allows - August 1.
  Bonus: Please refer to the admissions handbook for additional information regarding bonus points.
- The Sonography program admits 10 -14 students per year. Once accepted, this program takes two years to complete. (6 semesters – fall, spring, summer, fall, spring, and summer). Applicants must be a SVCC district resident or resident of a cooperative Illinois community college district to apply.
- Please note that successful completion of a course indicates a grade of C or higher for the sonography program.
- A "point system" will be utilized to evaluate all qualified applicants. Applicants will be awarded points for completion of specific general education and program admission requirements. These are explained in the Sonography Admission Handbook given out at the informational meeting.

Out-of-District Application

Applicants must be a SVCC district resident or resident of a cooperative Illinois community college district to apply.

Accreditation

The college has followed the standards and guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Other

NOTE: Students completing pre-admissions or general education coursework at institutions other than SVCC should check with the SVCC registrar's office prior to enrolling or paying for outside classes for appropriate transferability.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Pamela A. Eubanks, MSN, RN, Dean of Health Professions | 815-835-6376
- Ellyn Horn, BS, RDMS, RVT, Sonography Program Coordinator | 815-835-6396

Total Hours Required - 77-79 Hours

Major Field Requirements - 55 Hours

Course #	Course Title	Hours
NRS116	Med Terminology for Hea Career	3 Hours
NRS 116 is an internet-based medical terminology course designed for students pursuing health careers. Students will develop knowledge of the foundation of word parts combining forms anatomical terminology and medical terms organized by body systems. The course includes the study of definition and use of medical terms common to many health related disciplines.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek		
DMS100	Intro to Diagnostic Med. Sonog	3 Hours
History of ultrasound including medical applications. Description of the roles responsibilities and rules of the diagnostic medical sonographer. Introduction to the fundamental principles of the use and maintenance of ultrasound equipment. Indications of diagnostic sonography procedures positioning safety and image processing. Legal and ethical issues in an ultrasound department. Prerequisite Admission to the Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek		
DMS101	Son Physics/Instrumentation I	2 Hours
Introduction to physics of acoustics and sonographic instrumentation. Production and types of sound waves discussed. Demonstration of propagation of ultrasound through tissues transducers pulse-echo instruments and display methods.Prerequisite Admission to the Diagnostic Medical Sonography Program or consent of instructor.Semester hours 2LectureLab Hours 1 lec2 labweek		
DMS102	Son Physics/Instrumentation II	2 Hours
Continuation of pulse-echo instrumentation including harmonics image artifacts and color flow imaging with Doppler instrumentation. Bioeffects and safety in ultrasound imaging. Quality management applied to Sonography.Prerequisite DMS 101 or consent of instructor.Semester hours 2LectureLab Hours 1 lec2 labweek		
DMS103	Son Cross-Sectional Anatomy	3 Hours

Introduction to the basics of cross-sectional anatomy as interpreted on diagnostic sonographic images. Sectional human anatomy in the transverse sagittal and coronal planes. Correlation of anatomy with cadavers and ultrasound images.Prerequisite Admission to the Diagnostic Medical Sonography program.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS104	Fundamentals of OB/GYN I	3 Hours

Students will be introduced to the female reproductive system as it relates to Sonography. Topics will include imaging in the first trimester of pregnancy and non-gravid uterus review of ultrasound images of normal anatomy and pathology ultrasound appearance of the cervix uterus fallopian tubes ovaries placenta and fetus. Management of gynecologic infertility and post-menopausal women will also be discussed.Prerequisite Admission to Diagnostic Medical Sonography program or consent of instructor.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS105	Fundamentals of OB/GYN II	3 Hours

Students will be introduced to fetal ultrasound techniques in the second and third trimester. Topics will include multiple gestation pregnancies antenatal syndromes congenital fetal disorders placenta umbilical cord and membrane conditions. Fetal growth assessment and management of growth disorders will also be discussed.Prerequisite DMS 104 with a grade of C or better or equivalent or consent of instructor.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS106	Abdomen/Superficial Struct I	3 Hours

Students will be introduced to abdomen and superficial structure pathologies seen with ultrasound. Students will learn to identify and document the sonographic appearance of pathologies. The following areas will be discussed great vessels inferior vena cava liver biliary pancreas spleen urinary system thyroid parathyroid salivary glands gastrointestinal tract retroperitoneum non-cardiac chest scrotum and prostate. Prerequisite DMS 100 DMS 101 DMS 103 DMS 104 DMS 120 and DMS 121 all with a grade of C or better.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS107	Abdomen/Superficial Struct II	1 Hour

Continuation of abdomen and superficial structure pathologies seen using ultrasound with emphasis on neonatal and pediatrics. The following areas will be discussed musculoskeletal neonatal brain infant hips infant spine pediatric gastrointestinal pediatric abdomen pediatric gynecology and pediatric urinaryadrenal. Prerequisite DMS 106Semester hours 1LectureLab Hours 1 lecweek

DMS108	Legal Issues of Sonography	1 Hour

Students will be introduced to the legal system as it applies to the medical field. Medical malpractice cases will be reviewed and discussed. Students will be taught how to protect themselves from becoming involved in a medical malpractice case.Prerequisite DMS 104 and DMS 106 with a grade of C or higher or consent of instructor.Semester hours 1LectureLab Hours 1 lecweek

DMS109	Fund of Breast Sonography	1 Hour

Students will be introduced to the fundamentals of breast Sonography. This course reviews the identification of sonographic physics-related artifacts in normal and abnormal breast tissue and anatomy. Correlation with other imaging modalities and surgical techniques in breast pathology are also included.Prerequisite DMS 102 with a grade of C or higher or Registered Diagnostic Medical Sonographer ARDMS or ARRT registered sonographer.Semester hours 1LectureLab Hours 1 lecweek

DMS120	Hands-On Scanning Lab 1	1 Hour

Overview and emphasis of principles taught in DMS 100 in AbdominalSuperficial Structures and ObstetricsGynecology. Students perform hands-on scanning techniques in the scanning lab. Various scanning techniques are demonstrated on fellow students under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.Prerequisite Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS121	Hands-On Scanning Lab 2	1 Hour

Course will expand on and perform principles of AbdominalSuperficial Structures and ObstetricsGynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes.Prerequisite Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS122	Hands-On Scanning Lab 3	1 Hour

Continuation of principles taught in DMS 121 in AbdominalSuperficial Structures and ObstetricsGynecology. Emphasis placed on advanced skills in obstetrical scanning. Students perform hands-on scanning techniques on volunteer patients under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.Prerequisite DMS 121 with a grade of C or higher or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS123	Hands-On Scanning Lab 4	1 Hour

The course will expand on principles of Abdominal and Superficial Structures and Obstetrics and Gynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes. Emphasis will be placed on students demonstrating their scanning skills on patient volunteers.Prerequisite DMS 121 with a grade of C or higher or consent of instructorSemester hours 1LectureLab Hours 2 labweek

DMS130	Case Study Critique I	1 Hour

Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.Prerequisite DMS 100 DMS 101 DMS 103 DMS 104 DMS 120 and DMS 121 all with a grade of C or better.Semester hours 1LectureLab Hours 1 lecweek

DMS131	Case Study Critique II	1 Hour

Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.Prerequisite DMS 107 DMS 123 and DMS 141 all with a grade of C or better.Semester hours 1LectureLab Hours 1 lecweek

DMS140	Clinical Education I	2 Hours

Students are placed in a healthcare institution to reinforce and broaden knowledge gained in the first semester of the program. Correlation and application of skills learned in concurrent courses DMS 102 105 106 and 130. Technical and professional aspects of patient scanning in obstetrics pelvic abdominal and superficial structures.Prerequisite DMS 100 DMS 101 DMS 103 and DMS 104.Semester hours 2LectureLab Hours 12 labweek

DMS141	Clinical Education II	2 Hours

Students will participate in a clinical experience in Sonography at a healthcare institution. Students will apply concepts and skills learned in DMS courses at the healthcare institution.Prerequisite DMS 140 with a grade of C or betterSemester hours 2LectureLab Hours 12 labweek

DMS142	Clinical Education III	3 Hours

Students will continue Sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS courses at the health care institution.Prerequisite DMS 141 with a grade of C or better.Semester hours 3LectureLab Hours 24 labweek

DMS198	Intro Pathophysiology Sonograp	1 Hour

Students will be introduced to physiological processes associated with disease andor injury in the body systems. Pathology cases are illustrated with review of diagnostic medical imaging studies including Sonography Computed Tomography Magnetic Resonance Imaging Radiography and Nuclear Medicine. Prerequisite BIO 109 or equivalent or consent of instructor.Semester hours 1LectureLab Hours 1 lecweek

DMS199	Patient Care Skills	1 Hour

Students will be introduced to patient care skills applied to the role of a Sonographer in an imaging department. Topics will include patient care skills scanning ergonomics patient confidentiality and communication skills with hospital personnel as applied to all areas of sonography. Prerequisite Admission to the Diagnostic Medical Sonography program or consent of instructorSemester hours 1LectureLab Hours 1 lecweek

DMS200	Abdominal/Peripheral Arterial	2 Hours

Evaluation of blood vessels their purpose and composition detailed physiology of the arterial blood flow system and ultrasound testing with direct and indirect methods. Arterial anatomy of the abdomen pelvic and upper extremities as well as the lower extremities will be reviewed. Diseases of the arterial system and their effects will be addressed with indications for ultrasound arterial examinations and treatments.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 220 or consent of instructor.Semester hours 2LectureLab Hours 2 lecweek

DMS201	Cerebrovascular Ultrasound	2 Hours

Overview of the purpose and composition of blood vessels and the physiology of the cerebrovascular system. Cerebrovascular anatomy is reviewed. Diseases of the cerebrovascular system are addressed with the indications for ultrasound cerebrovascular examinations. A review and demonstration of cerebrovascular ultrasound testing and findings and other laboratory modalities. Treatments for various diseases of the cerebrovascular system are addressed. Cerebrovascular testing as a part of ongoing post-intervention patent management is included.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 203 and DMS 221 or consent of instructor.Semester hours 2LectureLab Hours 2 lecweek

DMS202	Abdominal/Peripheral Venous	2 Hours

Overview of the purpose and composition of blood vessels and the physiology of the venous blood flow system. Venous anatomies of the abdomen pelvis upper extremities as well as the lower extremities are addressed. Diseases of the venous system their effects and indications for ultrasound venous examinations are included. An overview of the abdominal and peripheral venous ultrasound testing their findings and other laboratory modalities. Treatments for various diseases of abdominal and peripheral venous systems are reviewed.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 222 or consent of instructor. Semester hours 2LectureLab Hours 2 lecweek

DMS203	Clinical Education Vascular I	3 Hours

Students will participate in a clinical experience in vascular sonography at a healthcare institution. Students will apply concepts and skills learned in DMS vascular courses at the healthcare institution.Prerequisite Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.Semester hours 3LectureLab Hours 24 labweek

DMS204	Clinical Education Vascular II	3 Hours

Students will continue vascular sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS vascular courses at the healthcare institution.Prerequisite Admission to the program is required and DMS 203 with a grade of C or better or equivalent.Semester Hours 3LectureLab Hours 18 labweek

DMS220	Abdomin/Peripher Arterial Scan	1 Hour

An overview of abdominal and peripheral arterial ultrasound testing that offers hands-on training in the classroom with vascular ultrasound equipment. Application of principles taught in DMS 200. Various arterial testing techniques and scanning are demonstrated and performed on fellow students under the guidance of the instructor. Proper techniques in these testing modalities are reviewed along with proper identification of the arterial system.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment in DMS 200.Semester hours 1LectureLab Hours 2 labweek

DMS221	CerebrovascularUltrasound Scan	1 Hour

Continuation of DMS 201 that provides a further understanding of cerebrovascular ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various cerebrovascular testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor students will practice these techniques on fellow students. Proper techniques in these testing modalities will be reviewed along with proper identification of the cerebrovascular system.Prerequisite Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.Semester hours 1LectureLab Hours 2 labweek

DMS222	Abdomin/Peripheral Venous Scan	1 Hour

Continuation of DMS 202 that provides an understanding of abdominal and peripheral venous ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various venous testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor the students will practice these techniques on fellow students. Proper techniques in these testing modalities are reviewed along with proper identification of the venous system.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 202.Semester hours 1LectureLab Hours 2 labweek

General Education Requirements - 21-23 Hours

Course #	Course Title	Hours
	Communications - ENG 101 (3 Semester Hours)	3 Hours
	Mathematics MAT 112 Quantitative Literacy, MAT 121 or higher as options (excluding MAT 110, MAT 111, MAT 115, and MAT 240)	3-4 Hours

	Life Science - BIO 109 and BIO 110	8 Hours
	Physical Science - PHY 175 or higher	4-5 Hours
	Social/Behavioral Science - PSY 103	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

Fall Semester - 14 Hours

Course #	Course Title	Hours
DMS100	Intro to Diagnostic Med. Sonog	3 Hours

History of ultrasound including medical applications. Description of the roles responsibilities and rules of the diagnostic medical sonographer. Introduction to the fundamental principles of the use and maintenance of ultrasound equipment. Indications of diagnostic sonography procedures positioning safety and image processing. Legal and ethical issues in an ultrasound department. Prerequisite Admission to the Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 3LectureLab Hours 3 lecweek

DMS101	Son Physics/Instrumentation I	2 Hours

Introduction to physics of acoustics and sonographic instrumentation. Production and types of sound waves discussed. Demonstration of propagation of ultrasound through tissues transducers pulse-echo instruments and display methods.Prerequisite Admission to the Diagnostic Medical Sonography Program or consent of instructor.Semester hours 2LectureLab Hours 1 lec2 labweek

DMS103	Son Cross-Sectional Anatomy	3 Hours

Introduction to the basics of cross-sectional anatomy as interpreted on diagnostic sonographic images. Sectional human anatomy in the transverse sagittal and coronal planes. Correlation of anatomy with cadavers and ultrasound images.Prerequisite Admission to the Diagnostic Medical Sonography program.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS104	Fundamentals of OB/GYN I	3 Hours

Students will be introduced to the female reproductive system as it relates to Sonography. Topics will include imaging in the first trimester of pregnancy and non-gravid uterus review of ultrasound images of normal anatomy and pathology ultrasound appearance of the cervix uterus fallopian tubes ovaries placenta and fetus. Management of gynecologic infertility and post-menopausal women will also be discussed.Prerequisite Admission to Diagnostic Medical Sonography program or consent of instructor.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS120	Hands-On Scanning Lab 1	1 Hour

Overview and emphasis of principles taught in DMS 100 in AbdominalSuperficial Structures and ObstetricsGynecology. Students perform hands-on scanning techniques in the scanning lab. Various scanning techniques are demonstrated on fellow students under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.Prerequisite Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS121	Hands-On Scanning Lab 2	1 Hour

Course will expand on and perform principles of AbdominalSuperficial Structures and ObstetricsGynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes.Prerequisite Admission to Diagnostic Medical Imaging Sonography Program or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS199	Patient Care Skills	1 Hour

Students will be introduced to patient care skills applied to the role of a Sonographer in an imaging department. Topics will include patient care skills scanning ergonomics patient confidentiality and communication skills with hospital personnel as applied to all areas of sonography. Prerequisite Admission to the Diagnostic Medical Sonography program or consent of instructorSemester hours 1LectureLab Hours 1 lecweek

Spring Semester - 12 Hours

Course #	Course Title	Hours
DMS102	Son Physics/Instrumentation II	2 Hours

Continuation of pulse-echo instrumentation including harmonics image artifacts and color flow imaging with Doppler instrumentation. Bioeffects and safety in ultrasound imaging. Quality management applied to Sonography.Prerequisite DMS 101 or consent of instructor.Semester hours 2LectureLab Hours 1 lec2 labweek

DMS105	Fundamentals of OB/GYN II	3 Hours

Students will be introduced to fetal ultrasound techniques in the second and third trimester. Topics will include multiple gestation pregnancies antenatal syndromes congenital fetal disorders placenta umbilical cord and membrane conditions. Fetal growth assessment and management of

growth disorders will also be discussed.Prerequisite DMS 104 with a grade of C or better or equivalent or consent of instructor.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS106	Abdomen/Superficial Struct I	3 Hours

Students will be introduced to abdomen and superficial structure pathologies seen with ultrasound. Students will learn to identify and document the sonographic appearance of pathologies. The following areas will be discussed great vessels inferior vena cava liver biliary pancreas spleen urinary system thyroid parathyroid salivary glands gastrointestinal tract retroperitoneum non-cardiac chest scrotum and prostate. Prerequisite DMS 100 DMS 101 DMS 103 DMS 104 DMS 120 and DMS 121 all with a grade of C or better.Semester hours 3LectureLab Hours 2 lec2 labweek

DMS122	Hands-On Scanning Lab 3	1 Hour

Continuation of principles taught in DMS 121 in AbdominalSuperficial Structures and ObstetricsGynecology. Emphasis placed on advanced skills in obstetrical scanning. Students perform hands-on scanning techniques on volunteer patients under the guidance of the instructor. Proper techniques in manipulating the transducer probe are demonstrated. Identification of organ systems and corresponding ultrasound images.Prerequisite DMS 121 with a grade of C or higher or consent of instructor.Semester hours 1LectureLab Hours 2 labweek

DMS130	Case Study Critique I	1 Hour

Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.Prerequisite DMS 100 DMS 101 DMS 103 DMS 104 DMS 120 and DMS 121 all with a grade of C or better.Semester hours 1LectureLab Hours 1 lecweek

DMS140	Clinical Education I	2 Hours

Students are placed in a healthcare institution to reinforce and broaden knowledge gained in the first semester of the program. Correlation and application of skills learned in concurrent courses DMS 102 105 106 and 130. Technical and professional aspects of patient scanning in obstetrics pelvic abdominal and superficial structures.Prerequisite DMS 100 DMS 101 DMS 103 and DMS 104.Semester hours 2LectureLab Hours 12 labweek

Summer - 4 Hours

Course #	Course Title	Hours
DMS107	Abdomen/Superficial Struct II	1 Hour

Continuation of abdomen and superficial structure pathologies seen using ultrasound with emphasis on neonatal and pediatrics. The following areas will be discussed musculoskeletal neonatal brain infant hips infant spine pediatric gastrointestinal pediatric abdomen pediatric gynecology and pediatric urinaryadrenal. Prerequisite DMS 106Semester hours 1LectureLab Hours 1 lecweek

DMS123	Hands-On Scanning Lab 4	1 Hour

The course will expand on principles of Abdominal and Superficial Structures and Obstetrics and Gynecology. Students will perform advanced hands-on scanning techniques utilizing proper manipulation of transducer probes. Emphasis will be placed on students demonstrating their scanning skills on patient volunteers.Prerequisite DMS 121 with a grade of C or higher or consent of instructorSemester hours 1LectureLab Hours 2 labweek

DMS141	Clinical Education II	2 Hours

Students will participate in a clinical experience in Sonography at a healthcare institution. Students will apply concepts and skills learned in DMS courses at the healthcare institution.Prerequisite DMS 140 with a grade of C or betterSemester hours 2LectureLab Hours 12 labweek

Fall Semester - 12 Hours

Course #	Course Title	Hours
DMS108	Legal Issues of Sonography	1 Hour

Students will be introduced to the legal system as it applies to the medical field. Medical malpractice cases will be reviewed and discussed. Students will be taught how to protect themselves from becoming involved in a medical malpractice case.Prerequisite DMS 104 and DMS 106 with a grade of C or higher or consent of instructor.Semester hours 1LectureLab Hours 1 lecweek

DMS109	Fund of Breast Sonography	1 Hour

Students will be introduced to the fundamentals of breast Sonography. This course reviews the identification of sonographic physics-related artifacts in normal and abnormal breast tissue and anatomy. Correlation with other imaging modalities and surgical techniques in breast pathology are also included.Prerequisite DMS 102 with a grade of C or higher or Registered Diagnostic Medical Sonographer ARDMS or ARRT registered sonographer.Semester hours 1LectureLab Hours 1 lecweek

DMS131	Case Study Critique II	1 Hour

Students will present diagnostic medical ultrasound cases of normal and abnormal anatomy. Students will discuss imaging techniques and image quality of cases presented.Prerequisite DMS 107 DMS 123 and DMS 141 all with a grade of C or better.Semester hours 1LectureLab Hours 1 lecweek

DMS142	Clinical Education III	3 Hours

Students will continue Sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS courses at the health care institution.Prerequisite DMS 141 with a grade of C or better.Semester hours 3LectureLab Hours 24 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Spring Semester - 12 Hours

Course #	Course Title	Hours
DMS200	Abdominal/Peripheral Arterial	2 Hours

Evaluation of blood vessels their purpose and composition detailed physiology of the arterial blood flow system and ultrasound testing with direct and indirect methods. Arterial anatomy of the abdomen pelvic and upper extremities as well as the lower extremities will be reviewed. Diseases of the arterial system and their effects will be addressed with indications for ultrasound arterial examinations and treatments.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 220 or consent of instructor.Semester hours 2LectureLab Hours 2 lecweek

DMS201	Cerebrovascular Ultrasound	2 Hours

Overview of the purpose and composition of blood vessels and the physiology of the cerebrovascular system. Cerebrovascular anatomy is reviewed. Diseases of the cerebrovascular system are addressed with the indications for ultrasound cerebrovascular examinations. A review and demonstration of cerebrovascular ultrasound testing and findings and other laboratory modalities. Treatments for various diseases of the cerebrovascular system are addressed. Cerebrovascular testing as a part of ongoing post-intervention patent management is included.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 203 and DMS 221 or consent of instructor.Semester hours 2LectureLab Hours 2 lecweek

DMS202	Abdominal/Peripheral Venous	2 Hours

Overview of the purpose and composition of blood vessels and the physiology of the venous blood flow system. Venous anatomies of the abdomen pelvis upper extremities as well as the lower extremities are addressed. Diseases of the venous system their effects and indications for ultrasound venous examinations are included. An overview of the abdominal and peripheral venous ultrasound testing their findings and other laboratory modalities. Treatments for various diseases of abdominal and peripheral venous systems are reviewed.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 222 or consent of instructor. Semester hours 2LectureLab Hours 2 lecweek

DMS203	Clinical Education Vascular I	3 Hours

Students will participate in a clinical experience in vascular sonography at a healthcare institution. Students will apply concepts and skills learned in DMS vascular courses at the healthcare institution.Prerequisite Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.Semester hours 3LectureLab Hours 24 labweek

DMS220	Abdomin/Peripher Arterial Scan	1 Hour

An overview of abdominal and peripheral arterial ultrasound testing that offers hands-on training in the classroom with vascular ultrasound equipment. Application of principles taught in DMS 200. Various arterial testing techniques and scanning are demonstrated and performed on fellow students under the guidance of the instructor. Proper techniques in these testing modalities are reviewed along with proper identification of the arterial system.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment in DMS 200.Semester hours 1LectureLab Hours 2 labweek

DMS221	CerebrovascularUltrasound Scan	1 Hour

Continuation of DMS 201 that provides a further understanding of cerebrovascular ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various cerebrovascular testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor students will practice these techniques on fellow students. Proper techniques in these testing modalities will be reviewed along with proper identification of the cerebrovascular system.Prerequisite Admission to Diagnostic Medical Imaging Sonography program and concurrent enrollment required in DMS 201.Semester hours 1LectureLab Hours 2 labweek

DMS222	Abdomin/Peripheral Venous Scan	1 Hour

Continuation of DMS 202 that provides an understanding of abdominal and peripheral venous ultrasound testing by offering hands-on training in the classroom with vascular ultrasound equipment. Various venous testing techniques and scanning are demonstrated to the students. Under the guidance of the instructor the students will practice these techniques on fellow students. Proper techniques in these testing modalities are reviewed along with proper identification of the venous system.Prerequisite Admission to Diagnostic Medical Sonography program and concurrent enrollment required in DMS 202.Semester hours 1LectureLab Hours 2 labweek

Summer - 3 Hours

Course #	Course Title	Hours
DMS204	Clinical Education Vascular II	3 Hours

Students will continue vascular sonography clinical experience in a healthcare institution. Students will continue applying concepts and skills learned in DMS vascular courses at the healthcare institution.Prerequisite Admission to the program is required and DMS 203 with a grade of C or better or equivalent.Semester Hours 3LectureLab Hours 18 labweek

EARLY CHILDHOOD EDUCATION

Early Childhood Education - Associate in Applied Science (042)

This program aligns to the AAS/Gateways to Opportunity ECE and ITC Level 4 credentials.

The Early Childhood Education program provides the academic background and practical experience for people interested in careers in education, including infant, preschool and school-age child care in early childhood centers, family child care homes, parent education, and early childhood program supervision. Coursework focuses on theory, research and program practice pertaining to children prenatal to early school age. Students will have the opportunity to observe and assess children's behaviors and to work directly with children in a supervised setting. This program provides a comprehensive course of study, including physical, cognitive, social and emotional development of young children, curriculum development, literature and language arts, creative activities for teaching art, music, math and science, behavior guidance, health and nutrition, and one supervised practicum experience.

Credential Program Description

Students enrolled in Early Childhood programs at Sauk Valley Community College will be eligible to complete credentials through Gateways to Opportunity Illinois Professional Development System for ECE and ITC Levels 2, 3 and 4. Benefits of this credentialing process increase a student's employability and make students eligible for scholarship opportunities and wage differentials. **Students must earn a "C" or better in all ECE courses used to fulfill Gateways to Opportunity credentialing requirements.**

The Early Childhood Access Consortium for Equity allows for transfer of ECE community college career degrees in their entirety (including Gateways Level 4 and a 2.0/4.0 CGPA) to participating four-year schools with junior-level standing.

Work and Employment

The early childhood education program is designed to educate professionals for a diverse and challenging field. Employment opportunities for graduates of the early childhood education program are very positive, whether pursuing a career in a group day care, preschool setting, or in family care.

Criminal History Check Policy

Illinois law requires licensed early childhood programs to conduct a criminal background investigation on applicants for employment. Employment of individuals who have been convicted of committing or attempting to commit offenses that may put children in harm's way is prohibited. Laws vary according to the agency and their licensing body.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Total Hours Required - 62-63 Hours

Major Field Requirements - 45-46 Hours

Course #	Course Title	Hours
ECE109	Found of Infant & Toddler Care	4 Hours

This course provides students with an overview of the development of children birth through age three. Students will explore physical social emotional cognitive and linguistic growth as well as factors that affect learning and development. Emphasis will be placed on the role of family and community partnership in effective care-giving programs. Students will also design developmentally appropriate curriculum including observation and formal and informal assessment techniques. Students will demonstrate understanding of the InfantToddler Environment Rating Scale ITERS by performing an evaluation in an infanttoddler classroom setting. Students will participate in a minimum of 50 hours of required field experience.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE202	Lang/Literacy Dev/Young Childr	3 Hours

Students will be introduced to the perspectives concepts and methods of language and literacy development in young children. Students will focus on the speech and language development of young children ages 0-8 as well as the practices to individualize teaching to support language and literacy development in a diverse classroom. Typical and atypical language development the diverse factors that influence language and literacy development developmentally appropriate methods materials and environments and supporting English language learners will be emphasized.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE207	Math for the Young Child	3 Hours

This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts numbers measurement shapes patterns spatial relations analysis of data.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR Higher -

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE250	Early Childhood Practicum	2 Hours

A supervised field experience designed to utilize and develop the students learned training and educational skills in a chosen field. All students are required to spend at least six hours per week at a career education site as agreed upon with the advisor for a total of 90 hours minimum.Prerequisite Students may register for practicum only with the consent of the SVCC practicum coordinator and the students assigned academic counselor. Completion of first and second semester courses in the ECE suggested program required.Semester hours 2LectureLab Hours 4 labweek

ECE275	Curric Dev Early Child Classrm	3 Hours

The principles involved in planning implementing and evaluating developmentally appropriate evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory philosophy practice and development of curriculum based on the needs and interests of young children including those who are culturally linguistically and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. Field experiences are required.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals

in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

EDU221	Children's Literature	3 Hours

This course introduces students to the history themes form and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children as well as the social and cultural contexts that have influenced the creation and selection of literature for children. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H3918LectureLab Hours 3 lecweek

- OR -

LAN161	Beginning Spanish I	4 Hours

A study of functional Spanish with emphasis on speaking the language. Practice in reading and writing simple Spanish. Prerequisite NoneSemester Hours 4LectureLab Hours 4 lecweek

- OR Higher -

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

General Education Requirements - 15 Hours

Course #	Course Title	Hours
	Communications (ENG101, COM131 Required)	6 Hours
	Physical or Life Science (BIO120 Recommended)	3 Hours
	Social and Behavioral Sciences (PSY103 and SOC251 Required)	6 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester - 16 Hours

Course #	Course Title	Hours
BIO120	Environmental Health	3 Hours

An examination of the environmental effects on human physiological systems resulting in diverse problems such as heart disease cancer and other health related concerns. This course is designed to assist the student in making informed responsible decisions affecting personal and environmental wellness.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
ECE202	Lang/Literacy Dev/Young Childr	3 Hours

Students will be introduced to the perspectives concepts and methods of language and literacy development in young children. Students will focus on the speech and language development of young children ages 0-8 as well as the practices to individualize teaching to support language and literacy development in a diverse classroom. Typical and atypical language development the diverse factors that influence language and literacy development developmentally appropriate methods materials and environments and supporting English language learners will be emphasized.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE275	Curric Dev Early Child Classrm	3 Hours

The principles involved in planning implementing and evaluating developmentally appropriate evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory philosophy practice and development of curriculum based on the needs and interests of young children including those who are culturally linguistically and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. Field experiences are required.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

SOC251	Human Sexuality and Marriage	3 Hours

This course is a survey of the contemporary family from historical and cross-cultural perspectives. This course explores the psychological sociological and biological perspectives on human sexuality dating marriage singles families as well as separation divorce. Topics addressed will include relationship types trends in mate selection marriage singlehood family functions structures uncoupling child rearing work gender power conflict and communication within the family.Prerequisite None although either PSY 103 or SOC 111 is highly recommendedSemester HOurs 3Illinois Articulation Initiative IAI S7 902LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
ECE109	Found of Infant & Toddler Care	4 Hours

This course provides students with an overview of the development of children birth through age three. Students will explore physical social emotional cognitive and linguistic growth as well as factors that affect learning and development. Emphasis will be placed on the role of family and community partnership in effective care-giving programs. Students will also design developmentally appropriate curriculum including observation and formal and informal assessment techniques. Students will demonstrate understanding of the InfantToddler Environment Rating Scale ITERS by performing an evaluation in an infanttoddler classroom setting. Students will participate in a minimum of 50 hours of required field experience.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

EDU221	Children's Literature	3 Hours

This course introduces students to the history themes form and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children as well as the social and cultural contexts that have influenced the creation and selection of literature for children. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H3918LectureLab Hours 3 lecweek

- OR -

LAN161	Beginning Spanish I	4 Hours

A study of functional Spanish with emphasis on speaking the language. Practice in reading and writing simple Spanish. Prerequisite NoneSemester Hours 4LectureLab Hours 4 lecweek

- OR Higher -

Fourth Semester - 14 Hours

Course #	Course Title	Hours
ECE207	Math for the Young Child	3 Hours

This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts numbers measurement shapes patterns spatial relations analysis of data.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR Higher -

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE250	Early Childhood Practicum	2 Hours

A supervised field experience designed to utilize and develop the students learned training and educational skills in a chosen field. All students are required to spend at least six hours per week at a career education site as agreed upon with the advisor for a total of 90 hours minimum.Prerequisite Students may register for practicum only with the consent of the SVCC practicum coordinator and the students assigned academic counselor. Completion of first and second semester courses in the ECE suggested program required.Semester hours 2LectureLab Hours 4 labweek

EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

EARLY CHILDHOOD EDUCATION: EDUCATOR

Certificate
Early Childhood Education: Educator (F16)

This program aligns to the Gateways to Opportunity ECE Level 3 credential requirements which include completion of a high school diploma or GED.

The Early Childhood Education certificate program will assist individuals in securing the education and credentials needed to obtain employment in child care facilities and/or schools. This certificate allows individuals to obtain greater proficiency in the areas of study required in the field of Early Childhood Education.

Credential Program Description

Students enrolled in Early Childhood programs at Sauk Valley Community College will be eligible to complete credentials through Gateways to Opportunity Illinois Professional Development System for ECE and ITC Levels 2, 3 and 4. Benefits of this credentialing process increase a student's employability and make students eligible for scholarship opportunities and wage differentials. **Students must earn a "C" or better in all ECE courses used to fulfill Gateways to Opportunity credentialing requirements.**

Work and Employment

The early childhood education program is designed to educate professionals for a diverse and challenging field. Employment opportunities for graduates of the early childhood education program are very positive, whether pursuing a career in a group day care, preschool settings, or in family care.

Criminal History Check Policy

Illinois law requires licensed early childhood programs to conduct a criminal background investigation on applicants for employment. Employment of individuals who have been convicted of committing or attempting to commit offenses that may put children in harm's way is prohibited. Laws vary according to the agency and their licensing body.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Total Hours Required - 30 Hours

Major Field Requirements - 24 Hours

Course #	Course Title	Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE207	Math for the Young Child	3 Hours

This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts numbers measurement shapes patterns spatial relations analysis of data.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR Higher -

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE275	Curric Dev Early Child Classrm	3 Hours

The principles involved in planning implementing and evaluating developmentally appropriate evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory philosophy practice and development of curriculum based on the needs and interests of young children including those who are culturally linguistically and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. Field experiences are required.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

General Education Requirements - 6 Hours

Course #	Course Title	Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Suggested Program

First Semester - 15 Hours

Course #	Course Title	Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional

role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
ECE207	Math for the Young Child	3 Hours

This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts numbers measurement shapes patterns spatial relations analysis of data.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR Higher -

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE275	Curric Dev Early Child Classrm	3 Hours

The principles involved in planning implementing and evaluating developmentally appropriate evidence-based curriculum for young children are studied. The course focuses on relationships among developmental theory philosophy practice and development of curriculum based on the needs and interests of young children including those who are culturally linguistically and ability diverse. The analysis of a wide range of early childhood curriculum models is emphasized. Field experiences are required.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

EARLY CHILDHOOD EDUCATION: EDUCATOR ASSISTANT

Certificate
Early Childhood Education: Educator Assistant (F15)

This program aligns to the Gateways to Opportunity ECE Level 2 credential which includes completion of a high school diploma or GED.

The Early Childhood Education certificate program will assist individuals in securing the education and credentials needed to obtain employment in child care facilities. This certificate has been developed to assist persons to meet the minimal requirements for approval as an early childhood assistant.

Credential Program Description

Students enrolled in Early Childhood programs at Sauk Valley Community College will be eligible to complete credentials through Gateways to Opportunity Illinois Professional Development System for ECE and ITC Levels 2, 3 and 4. Benefits of this credentialing process increase a student's employability and make students eligible for scholarship opportunities and wage differentials. **Students must earn a "C" or better in all ECE courses used to fulfill Gateways to Opportunity credentialing requirements.**

Work and Employment

The early childhood education program is designed to educate professionals for a diverse and challenging field. Employment opportunities for graduates of the early childhood education program are very positive, whether pursuing a career in group day care or preschool settings, or in family care.

Criminal History Check Policy

Illinois law requires licensed early childhood programs to conduct a criminal background investigation on applicants for employment. Employment of individuals who have been convicted of committing or attempting to commit offenses that may put children in harm's way is prohibited. Laws vary according to the agency and their licensing body.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Total Hours Required - 18 Hours

Major Field Requirements

Course #	Course Title	Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Suggested Program

First Semester* - 18 Hours

Course #	Course Title	Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Footnotes

* 18 credits is a very high course load for a single term. Students are strongly encouraged to consider completing the program over multiple semesters.

EARLY CHILDHOOD EDUCATION: FOUNDATIONS OF INFANT TODDLER CARE

Certificate
Early Childhood Education: Foundations of Infant Toddler Care (F14)

This program aligns to the Gateways to Opportunity Infant and Toddler Care (ITC) Credentials Levels 2-4 and includes completion of a high school diploma or GED and the student's successful completion of the accompanying coursework required for ECE Levels 2, 3, or 4.

This one-course program provides students with an overview of the development of children birth through age three. Students will explore physical, social, emotional, cognitive and linguistic growth, as well as factors that affect learning and development. Emphasis will be placed on the role of family and community partnership in effective care-giving programs. Students will also design developmentally-appropriate curriculum, including observation and formal and informal assessment techniques. Students will demonstrate understanding of the Infant/Toddler Environment Rating Scale (ITERS) by performing an evaluation in an infant/toddler classroom setting. Students will participate in a minimum of 50 hours of required field experience.

The Infant and Toddler Care certificate program will assist individuals in securing the education and credentials needed to obtain employment working with infants and toddlers in childcare facilities. This certificate allows individuals to obtain greater proficiency in the areas of study required in the care of infants and toddlers.

Credential Program Description

Students enrolled in the Early Childhood programs at Sauk Valley Community College will be eligible to complete credentials through Gateways to Opportunity Illinois State Professional Development System for ECE Levels 2, 3, and 4 and Infant Toddler Care Levels 2, 3, and 4. Benefits of this credentialing process increase a student's employability and make students eligible for scholarship opportunities and wage differentials. **Students must earn a "C" or better in all ECE courses used to fulfill Gateways to Opportunity credentialing requirements.**

Work and Employment

The Infant Toddler Care program is designed to educate professionals for a diverse and challenging field. Employment opportunities for graduates of the Infant Toddler Care program are very positive, whether pursuing a career in a group day care or in family care.

Criminal History Check Policy

Illinois law requires licensed early childhood programs to conduct a criminal background investigation on applicants for employment. Employment of individuals who have been convicted of committing or attempting to commit offenses that may put children in harm's way is prohibited. Laws vary according to the agency and their licensing body.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Total Hours Required - 4 Hours

Major Field Requirements

Course #	Course Title	Hours
ECE109	Found of Infant & Toddler Care	4 Hours

This course provides students with an overview of the development of children birth through age three. Students will explore physical social emotional cognitive and linguistic growth as well as factors that affect learning and development. Emphasis will be placed on the role of family and community partnership in effective care-giving programs. Students will also design developmentally appropriate curriculum including observation and formal and informal assessment techniques. Students will demonstrate understanding of the InfantToddler Environment Rating Scale ITERS by performing an evaluation in an infanttoddler classroom setting. Students will participate in a minimum of 50 hours of required field experience.Prerequisite NoneSemester hours 4LectureLab Hours 4 lecweek

ECONOMICS

Associate in Arts Degree with a Concentration in Economics (651)

The concentration in economics prepares students to transfer to four-year universities to pursue a bachelor of arts degree in economics, a bachelor of science degree in economics, or a bacheor of business degree in economics.

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

1. A Bachelor of Arts degree in economics focuses on the development of critical thinking skills and is generally recommended for students interested in government and is a top preparatory degree for law school. A Bachelor of Science degree in economics will focus more on statistics and business math, helping you to have a firmer understanding of calculating economic indicators. The Bachelor of Business degree in economics is well-suited for students interested in pursuing a degree in banking, financial institutions, or as a business analyst.
2. Principles of Macroeconomics (ECO 211), Principles of Microeconomics (ECO 212), Financial Accounting (ACC 101), Managerial Accounting (ACC 102), and College Algebra (MAT 121) or Calculus for Business & Social Sciences (MAT 221) are courses that are foundational prerequisites for most colleges if you plan to attain a degree in economics.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 67 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
*	Electives / Foreign Language	4 Hours
CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

- OR -

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
*	Electives / Foreign Language	4 Hours
ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

- OR -

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
**	Life Science	3-4 Hours
	FIne Arts	3 Hours
***	Electives	3 Hours
*	Elective / Foreign Language	4 Hours

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
*	Humanities / Foreign Language	4 Hours
**	Physical Science	3-4 Hours
***	Electives	6 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Footnotes

* Three to four semesters of a college level foreign language or three to four years of a high school level foreign language may be required for a Bachelor of Arts degree. A Bachelor of Science degree may require more courses in mathematics, statistics, and/or computer science. Contact an academic advisor for more information.

** One lab science required

*** Suggested electives include ACC 101, ACC 102, MAT 150, CIS 207, additional mathematics.

EDUCATION, EARLY CHILDHOOD

Associate in Arts Degree with a Concentration in Early Childhood Education (681)

The early childhood education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in early childhood education and teacher licensure (PreK- Grade 2) in the state of Illinois.

Education, Early Childhood - IAI Recommended Course Sequence

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. IMPORTANT NOTE ON GENERAL EDUCATION RECOMMENDATIONS: The courses recommended in the suggested program are beyond the minimum requirements necessary for completion of general education courses for an Associate of Arts degree. The general education recommendations listed

below are for a student's full licensure requirements. Some of these additional courses may be completed after a student transfers, even with an Associate of Arts degree. Licensure information is based on the Illinois State Board of Education's administrative rules for teacher education preparation.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, may be required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois public schools (PreK-Grade 2), teachers must be licensed by the state of Illinois. Information regarding Illinois Standards for Professional Educator License is available on the Illinois State Board of Education Website at www.isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
	Personal Health & Development	1 Hour
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT110	Math for Elementary Teachers I	3 Hours

The emphasis of this course is placed on mathematical reasoning and problem-solving as it pertains to modern elementary school mathematics. Topics include sets logic basic problem solving number theory fractions decimals integers ratios proportions and percent and the real number system.Prerequisite A grade of C or better in MAT 081 or MAT 090 OR appropriate placement.Semester Hours 3LectureLab Hours 2 lec2 labweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Second Semester - 15-16 Hours

Course #	Course Title	Hours
	IAI Biological Science	3-4 Hours
EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU221	Children's Literature	3 Hours

This course introduces students to the history themes form and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children as well as the social and cultural contexts that have influenced the creation and selection of literature for children. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H3918LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT111	Math for Elementary Teacher II	3 Hours

This course is a continuation of MAT 110. Topics include algebraic thinking introductory probability statistics measurement geometry and transformations.Prerequisite MAT 110 with a grade of C or higher.Semester Hours 3Illinois Articulation Initiative IAI M1 903LectureLab Hours 2 lec2 labweek

Third Semester - 15-16 Hours

Course #	Course Title	Hours
*	IAI Physical Science	3-4 Hours
**	ECE / EDU Elective	3 Hours
ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

- OR -

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

ART119	Art Appreciation	3 Hours

A survey of the visual arts painting drawing printmaking sculpture and architecture. Examines historical social and technological factors that contribute to understanding the function and meaning of works of art. This course fulfills a fine arts general education requirement for the non-art major.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 900 LectureLab Hours 3 lecweek

- OR -

MUS201	Music Appreciation	3 Hours

A course where the novice can learn without going into music history the basic mechanics of all types of music ranging from classical to rock. The course emphasizes what to listen for and to identify factors that influence music politics religion technology philosophy etc.. Examples of various arts are used to clarify fundamental concepts for those who have no experience in the field of music. Open to all students.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI F1 900LectureLab Hours 3 lecweek

Fourth Semester - 18 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours

***	Program Elective (EDU / ECE, MAT, GSC)	3 Hours
EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

GEO122	Human Geography	3 Hours

An introduction to regional surveys of the basic concepts within human geography. Provides an initial understanding of spatial analysis through traditional and digital tools and uses them to explore cultural phenomena. Introduces regional populations migrations languages religions and ethnicities as well as their urban political and economic constructs. Explores both developed and developing regions and their connections to each other and to the physical and environmental factors that influence their culture. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S4 900N LectureLab Hours 3 lecweek

HIS221	American History to 1865	3 Hours

Students will examine the first interactions of Native American cultures European conquerors and enslaved Africans. They will compare the Spanish French and English experiences in North America and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues political clashes and social changes of the Federalist Jefferson and Jacksonian periods. Students will explore westward expansion immigration in the north and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 900LectureLab Hours 3 lecweek

- OR -

HIS222	American History Since 1865	3 Hours

Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution the Gilded Age the Great Depression the two World Wars the Cold War the Age of Affluence and the Struggle For Racial and Gender Equality. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 901LectureLab Hours 3 lecweek

Footnotes

* One lab science required of either IAI Biological Science or IAI Physical Science

** Recommended Electives include: ECE 115, ECE 118, ECE 240, or EDU 275. Consult an advisor for best transfer fit.

*** Students should consult with an advisor for best transfer fit. Students attending NIU will need to take one Physical Science (CHEM/PHY) and an additional Earth Science (GSC) course. Students may need MAT 240. Other recommended electives are ECE 115, ECE 118, ECE 240, EDU 275.

EDUCATION, ELEMENTARY

Associate in Arts Degree with a Concentration in Education, Elementary (680)

The elementary education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in elementary education and teacher licensure (Grades 1-6) in the state of Illinois.

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. IMPORTANT NOTE ON GENERAL EDUCATION RECOMMENDATIONS: The courses recommended in the suggested program are beyond the minimum requirements necessary for completion of general education courses for an Associate of Arts degree. The general education recommendations listed below are for a student's full licensure requirements. Some of these additional courses may be completed after a student transfers, even with an Associate of Arts degree. Licensure information is based on the Illinois State Board of Education's administrative rules for teacher education preparation.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois public schools (grades 1-6), teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.

2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815/835-6354
- Amanda Eichman, Professor of Education and English, 815/835-6319

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
ART119	Art Appreciation	3 Hours

A survey of the visual arts painting drawing printmaking sculpture and architecture. Examines historical social and technological factors that contribute to understanding the function and meaning of works of art. This course fulfills a fine arts general education requirement for the non-art major.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI F2 900 LectureLab Hours 3 lecweek

- OR -

MUS201	Music Appreciation	3 Hours

A course where the novice can learn without going into music history the basic mechanics of all types of music ranging from classical to rock. The course emphasizes what to listen for and to identify factors that influence music politics religion technology philosophy etc.. Examples of various arts are used to clarify fundamental concepts for those who have no experience in the field of music. Open to all students.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI F1 900LectureLab Hours 3 lecweek

EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

GEO122	Human Geography	3 Hours

An introduction to regional surveys of the basic concepts within human geography. Provides an initial understanding of spatial analysis through traditional and digital tools and uses them to explore cultural phenomena. Introduces regional populations migrations languages religions and ethnicities as well as their urban political and economic constructs. Explores both developed and developing regions and their connections to each other and to the physical and environmental factors that influence their culture. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S4 900N LectureLab Hours 3 lecweek

MAT110	Math for Elementary Teachers I	3 Hours

The emphasis of this course is placed on mathematical reasoning and problem-solving as it pertains to modern elementary school mathematics. Topics include sets logic basic problem solving number theory fractions decimals integers ratios proportions and percent and the real number system.Prerequisite A grade of C or better in MAT 081 or MAT 090 OR appropriate placement.Semester Hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 15-16 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	Earth Science (GSC)	3-4 Hours
EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT111	Math for Elementary Teacher II	3 Hours

This course is a continuation of MAT 110. Topics include algebraic thinking introductory probability statistics measurement geometry and transformations.Prerequisite MAT 110 with a grade of C or higher.Semester Hours 3Illinois Articulation Initiative IAI M1 903LectureLab Hours 2 lec2 labweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Physical Science	4 Hours
EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

- OR -

*	Electives	3 Hours
HIS221	American History to 1865	3 Hours

Students will examine the first interactions of Native American cultures European conquerors and enslaved Africans. They will compare the Spanish French and English experiences in North America and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues political clashes and social changes of the Federalist Jefferson and Jacksonian periods. Students will explore westward expansion immigration in the north and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 900LectureLab Hours 3 lecweek

- OR -

HIS222	American History Since 1865	3 Hours

Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution the Gilded Age the Great Depression the two World Wars the Cold War the Age of Affluence and the Struggle For Racial and Gender Equality. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 901LectureLab Hours 3 lecweek

MAT121	College Algebra	4 Hours

Topics extended to the college level include real numbers exponents and radicals polynomials and factoring fractional expressions equations and inequalities functions and their graphs conic sections and systems of equations and inequalities. New topics include zeros of polynomial functions rational functions exponential and logarithmic functions matrices sequences and the Binomial Theorem. This course requires a graphing calculator. Prerequisite A grade of C or better in MAT 081 or MAT 090 or higher OR concurrent enrollment in MAT 021 OR appropriate placement.Semester Hours 4LectureLab Hours 4 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Life Science	4 Hours
	Humanities	3 Hours
	Personal Development	1 Hour
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

- OR -

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

Footnotes

* Suggested electives include: EDU 176, 221, 275, PED 220, PSY 103

EDUCATION, MIDDLE LEVEL

Associate in Science Degree with a Concentration in Education, Middle Level (882)

The middle level education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in middle level education and teacher licensure (Grades 6-9) in the state of Illinois. Students in middle level education complete a core of required methods courses, and then complete discipline-specific courses to be licensed in one or more content areas. Content areas include English Language Arts, Social Sciences, Mathematics, and Science.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois middle schools (grades 6-9), teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of

offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amanda Eichman, Professor of Education and English, 815-835-6319

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 16-18 Hours

Course #	Course Title	Hours
**	Physical Science	3-5 Hours
	Social / Behavioral Science	3 Hours
EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

- OR -

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

Second Semester - 14-17 Hours

Course #	Course Title	Hours
**	Additional Science or Mathematics	4-5 Hours
	Fine Arts	3 Hours
**	Life Science	3-5 Hours
	Personal Development	1 Hour
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals

of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
**	Additional Science or Mathematics	4-5 Hours
	Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

Fourth Semester - 15-18 Hours

Course #	Course Title	Hours
****	EDU Elective	3 Hours
	Humanities	3 Hours
***	Content Area Electives or Additional Requirements	8-11 Hours
EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

Footnotes

* Teaching content area will determine the most appropriate mathematics course(s). Mathematics content area should select MAT 203.

** Science content area should select CHE 105, CHE 106, BIO 105 plus PHY 201, PHY 202 as schedule allows. Some institutions require BIO 123 Intro to Botany and BIO 131 Zoology, in addition to BIO 105. Mathematics content area should select from MAT 204, 205, 220.

*** Student's content area and transfer school will guide the selection of content area/elective course work.

**** Suggested Education electives include EDU 176, 210, 275.

EDUCATION, MIDDLE LEVEL

Associate in Arts Degree with a Concentration in Education, Middle Level (682)

The middle level education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in middle education and teacher licensure (Grades 6-9) in the state of Illinois.

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. IMPORTANT NOTE ON GENERAL EDUCATION RECOMMENDATIONS: The courses recommended in the suggested program are beyond the minimum requirements necessary for completion of general education courses for an Associate of Arts degree. The general education recommendations listed below are for a student's full licensure requirements. Some of these additional courses may be completed after a student transfers, even with an Associates of Arts degree. Licensure information is based on the Illinois State Board of Education's administrative rules for teacher education preparation.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois public schools (grades 6-9), teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amanda Eichman, Professor of Education and English, 815-835-6319

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 15-16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Mathematics	3-4 Hours
*	Social / Behavioral Science	3 Hours
EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 15-16 Hours

Course #	Course Title	Hours
*	Humanities	3 Hours

**	Life Science	3-4 Hours
*	Social / Behavior Science	6 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 16 Hours

Course #	Course Title	Hours
*	Humanities / Fine Arts	3 Hours
***	Content Area Electives or Additional Requirements	3 Hours
	Personal Development	1 Hour
*	Social / Behavioral Science / Humanities	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

Fourth Semester - 17-18 Hours

Course #	Course Title	Hours
****	EDU Elective	3 Hours
*	Humanities / Social Behavioral Science	3 Hours
***	Content Area Electives or Additional Requirements	7 Hours
**	Physical Science	3-4 Hours
EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

Footnotes

* Teaching content area will determine the most appropriate mathematics course(s). Mathematics content area should select MAT 203

** Science Content Area should select CHE 105, CHE 106, BIO 105 plus PHY 201, PHY 202 as schedule allows. Some institutions require BIO 123 Intro to Botany and BIO 131 Zoology, in addition to BIO 105. Mathematics content area should select from MAT 204, 205, 220

*** Student's content area (intended area of teaching) and transfer school will guide the selection of content area/elective course work

**** Suggested Education electives include EDU 176, 210, 275

EDUCATION, SECONDARY

Associate in Science Degree with a Concentration in

Education, Secondary (885)

The secondary education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in an academic discipline and teacher licensure (grade 9-12) in the state of Illinois.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. Students will major in the academic discipline they intend to teach. Students planning to earn a Bachelor of Arts degree or a degree from a college of arts and science should be alerted to the probable need to complete a foreign language requirement before transfer.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois public schools (grades 9-12), teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amanda Eichman, Professor of Education and English, 815-835-6319

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
**	Mathematics	3 Hours
***	Major Electives	3 Hours
EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15-17 Hours

Course #	Course Title	Hours
**	Additional Mathematics	3-4 Hours
*	Life Science	3-4 Hours
***	Major Electives	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Personal Development	1 Hour
*	Physical Science	3-4 Hours
	Social / Behavioral Science	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

Fourth Semester - 14-16 Hours

Course #	Course Title	Hours
	Additional Science	3-5 Hours
***	Major Electives	4 Hours
	Humanities	3 Hours
****	EDU Elective	3 Hours
EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

Footnotes

* One lab science required

** Teaching major will determine the most appropriate mathematics course(s)

*** Student's major (intended area of teaching) will guide the selection of major elective course work

**** Suggested electives include: EDU 176, 210, 222, 275

EDUCATION, SECONDARY

Associate in Arts Degree with a Concentration in Education, Secondary (685)

The secondary education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in an academic discipline and teacher licensure (grade 9-12) in the state of Illinois.

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. IMPORTANT NOTE ON GENERAL EDUCATION RECOMMENDATIONS: The courses recommended in the suggested program are beyond the minimum requirements necessary for completion of general education courses for an Associate of Arts degree. The general education recommendations listed below are for a student's full licensure requirements. Some of these additional courses may be completed after a student transfers, even with an Associates of Arts degree. Licensure information is based on the Illinois State Board of Education's administrative rules for teacher education preparation.
2. Students will major in the academic discipline they intend to teach. Students planning to earn a Bachelor of Arts degree or a degree from a college of arts and science should be alerted to the probable need to complete a foreign language requirement before transfer.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. To teach in Illinois public schools (grades 1-6), teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amanda Eichman, Professor of Education and English, 815-835-6319

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
**	Mathematics	3 Hours
***	Major Electives	3 Hours
EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Personal Development	1 Hour
***	Major Electives	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

Third Semester - 15-16 Hours

Course #	Course Title	Hours
	Fine Arts / Humanities	3 Hours
	Humanities	3 Hours
*	Physical Science	3-4 Hours
	Social / Behavioral Science	3 Hours
EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

Fourth Semester - 13-14 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
	Social / Behavioral Science	3 Hours
***	Major Electives	4 Hours
****	EDU Elective	3 Hours

Footnotes

* One lab science required.

** Teaching major will determine the most appropriate mathematics course(s).

*** Student's major (intended area of teaching) will guide the selection of major elective course work.

**** Suggested electives include EDU 176, 210, 275.

EDUCATION, SPECIAL

Associate in Arts Degree with a Concentration in Education, Special (690)

The special education concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in special education and teacher licensure (K-21) in the state of Illinois.

Follow this link for career information.

Transfer Considerations

General education and major field requirements vary significantly by intended transfer institution. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. IMPORTANT NOTE ON GENERAL EDUCATION RECOMMENDATIONS: The courses recommended in the suggested program are beyond the minimum requirements necessary for completion of general education courses for an Associate of Arts degree. The general education recommendations listed below are for a student's full licensure requirements. Some of these additional courses may be completed after a student transfers, even with an Associates of Arts degree. Licensure information is based on the Illinois State Board of Education's administrative rules for teacher education preparation.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in all general education coursework.

Special Considerations

1. This program is designed for those who plan to teach exceptional children in the pre-school, elementary, intermediate, or secondary levels. Special education endorsements include Learning Behavior Specialist 1 (LBS 1), teacher of students who are blind or low vision and teacher of students who are deaf or hard of hearing. Information regarding Illinois standards for Professional Educator License is available on the Illinois State Board of Education Website at isbe.net.
2. **Criminal History Check Policy:** Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amanda Eichman, Professor of Education and English, 815-835-6319

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU105	Prep for Careers in Education	2 Hours

This course introduces the student to licensure standards course sequences and skills required for education majors. Students will be introduced to the Illinois Professional Teaching Standards and will become familiar with the roles and responsibilities of teachers and the dispositions of effective teachers. Students will be exposed through observation activities to varying grade levels classrooms with the purpose of aiding in choosing the correct licensure path.Prerequisite NoneSemester hours 2LectureLab Hours 2 lectureweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT110	Math for Elementary Teachers I	3 Hours

The emphasis of this course is placed on mathematical reasoning and problem-solving as it pertains to modern elementary school mathematics. Topics include sets logic basic problem solving number theory fractions decimals integers ratios proportions and percent and the real number system.Prerequisite A grade of C or better in MAT 081 or MAT 090 OR appropriate placement.Semester Hours 3LectureLab Hours 2 lec2 labweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Fine Arts / Humanities	3 Hours
EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT111	Math for Elementary Teacher II	3 Hours

This course is a continuation of MAT 110. Topics include algebraic thinking introductory probability statistics measurement geometry and transformations.Prerequisite MAT 110 with a grade of C or higher.Semester Hours 3Illinois Articulation Initiative IAI M1 903LectureLab Hours 2 lec2 labweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Third Semester - 17-18 Hours

Course #	Course Title	Hours
	Personal Development	2 Hours
*	Physical Science	3-4 Hours
	Humanities	3 Hours
**	Electives	3 Hours
***	Social / Behavioral Science	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 13-14 Hours

Course #	Course Title	Hours
*	Life Science	3-4 Hours
**	Electives	4 Hours
***	Social / Behavior Science	3 Hours
**	EDU Electives	3 Hours

Footnotes

* One lab science required.

** Recommended Electives include EDU 210, 221, 275, PED 220, additional approved mathematics courses.

*** Choose from GEO 122, ECO 211 or 212, PSY 200 or 214, HIS 221 or 222.

ENGINEERING

Engineering - Associate in Engineering Science (320)

***THE ASSOCIATE IN ENGINEERING SCIENCE (AES) degree is being discontinued. Students interested in engineering science should consult an SVCC advisor for more information.**

Engineering programs are highly structured to meet the Accreditation Board for Engineering and Technology (A.B.E.T.) standards required for registration as a professional engineer. Community College students are strongly encouraged to complete an Associate in Engineering Science (A.E.S.) degree. You are unlikely to earn the bachelor's degree within 2 more years after transfer if you enter with less than 64 semester credits.

Students should decide on an Engineering specialty and preferred transfer institution by the beginning of their sophomore year since course requirements vary by specialty and by institution. Students should select courses in consultation with an academic advisor.

A grade of "C" or better may be required for physics, chemistry, mathematics, and engineering science courses to transfer. A similar policy may exist for general education courses. The student is advised to check directly with their preferred transfer school.

IMPORTANT NOTE TO STUDENTS: The Engineering major panel recommends students complete the general education requirements of the AES instead of the traditional GECC requirement of the AA degree. If students pursuing an engineering major choose to complete the full GECC, it is likely that students will have too many hours in transfer and/or will miss important prerequisites/major courses that will prolong the time it takes to obtain the bachelor's degree.

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

Engineering - IAI Recommended Baccalaureate Curriculum

Suggested Specialty Programs Chart: 2024-25 AES Chart

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Kurt Stuart, Associate Professor, Electrical and Industrial Technology, 815-835-6415

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
**	Humanities / Fine Arts	3 Hours
CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours

***	Approved Computer Programming Language	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

- OR -

*	Engineering Specialty Course	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

PHY211	Engineering Physics I	5 Hours

An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics Newtons Laws rotational motion equilibrium harmonic motion and waves. Prerequisite High school physics or PHY 201 and MAT 203. Semester Hours 5Illinois Articulation Initiative IAI P2 900L and PHY 911LectureLab Hours 4 lec2 labweek

Third Semester - 15 Hours

Course #	Course Title	Hours
*	Engineering Specialty Courses	3 Hours
ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

MAT205	Calc & Analytic Geometry III	4 Hours

The elementary ideas concerning conic sections polar curves and vector-valued and multivariate functions are covered. These topics include area arc length and tangents for polar curves. In addition vectors vector derivatives curvature and motion in two and three space are studied. The multivariate concepts of differentiability partial differentiation gradient vectors LaGrange multipliers finding relative extreme values and multiple integration are studied. The course also includes material on vector fields line integrals independence of path Greens Theorem surface integrals the Divergence Theorem and Stokess Theorem.Prerequisite MAT 204 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-3 MTH 903LectureLab Hours 4 lecweek

PHY212	Engineering Physics II	5 Hours

An examination of the basic principles of electricity and magnetism with selected topics in electric and magnetic fields potentials network theory dielectric and magnetic properties of matter capacitance inductance dc and ac circuits Maxwells equations and electromagnetic waves. Prerequisite PHY 211 and MAT 204 or concurrent enrollment in MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 912LectureLab Hours 4 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
*	Engineering Specialty Courses	4 Hours
**	Humanities / FIne Arts or Social / Behavioral Science	3 Hours
MAT211	Differential Equations	3 Hours

This course is an introduction to methods of solving differential equations as well as applications of differential equations to physical problems. The methods for solving first-order differential equations include numerical techniques separation of variables substitution methods exact equation techniques and identification of integrating factors. Also some types of higher order equations will be explored including application problems. Linear independence and the Wronskian of higher order equations will be covered. Methods for solving second-order homogeneous and non-homogeneous equations include the methods of undetermined coefficients reduction of order and variation of parameters. At least two of the following topics will be covered in depth LaPlace transforms power series methods partial differential equations and Fourier series systems of linear differential equations further numerical methods and non-cursory treatment of other advanced topics. Prerequisite Grade of C or better in MAT 204 Calculus and Analytic Geometry II Semester Hours 3Illinois Articulation Initiative IAI MTH 912LectureLab Hours 3 lecweek

PHY213	Engineering Physics III	5 Hours

An introduction to heat and thermodynamics universal gravitation geometrical and physical optics the properties of light relativity quantum mechanics atomic and nuclear physics elementary particles and solid-state physics.Prerequisite PHY 212 and MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 915ALectureLab Hours 4 lec2 labweek

- OR -

	Engineering Speciality Courses	5 Hours

Footnotes

*Students are required to complete 15 hours of engineering specialty courses. See the Suggested Specialty Programs Chart (above) for specific course listings.

**If only three hours are completed in Humanities/Fine Arts, then six hours are required in Social/Behavioral Sciences and vice versa. Certain specialty areas in engineering require only three hours (1 course) from both Humanities/Fine Arts and Social/Behavioral Sciences. In turn, more credit hours are required in engineering specialty courses. Refer to AES degree chart in the SVCC catalog for specific course recommendations by specialty area. Also, see a counselor or academic advisor to complete required paperwork (substitution form) to document this combination of courses. A non-Western or minority course is recommended. If two courses are selected in a field, a two-semester sequence in the same discipline is recommended.

***MAT 150 or CIS 207 or CIS Programming Course-Structured Languages.

ENGLISH

Associate in Arts Degree with a Concentration in English (602)

The English concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in English.

English - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. Bachelor's degree programs in English generally emphasize the study of literature and literary criticism. Some universities also offer specializations in creative or technical writing and/or programs to prepare students for certification as a high school English teacher. Students should consult their academic advisor on the differences between degrees.
2. The English panel suggests that English majors satisfy the Humanities and Fine Arts section of GECC with additional courses beyond the English major recommendations that count as major credit rather than GECC credit. To satisfy the GECC section, students may choose to take other literature courses or any other General Education, Humanities, and Fine Arts course.
3. Students are encouraged to complete the American Literature and British Literature sequence, as these are prerequisites to most major courses at four-year institutions.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

As disciplines within the English major are writing intensive, students pursuing the major may want to consider taking literature courses that have significant writing requirements (9 to 12 pages in total of writing). This will assist students as they work towards their bachelor's degrees at universities.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Karen Abele, Assistant Professor of English, 815-835-6309
- Dr. Odile Blazquez, Associate Professor of English, 815-835-6242
- Richard Eichman, Professor of History/English, 815-835-6380
- Thomas Irish, Assistant Professor of English, 815-835-6394
- Ruth Montino, Associate Professor of English, 815-835-6213

Minimum Total Credit Hours - 66 Hours

Suggested Course Sequence

First Semester - 15 Hours

Course #	Course Title	Hours

	Mathematics	3 Hours
**	Foreign Language	4 Hours
	Personal Development	1 Hour
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

ENG225	American Literature to 1860	3 Hours

By participating in class discussions and reading original works students will be exposed to and engaged in a broad and intensive study of American literature from the beginning up to 1860. Students will analyze and discuss specific themes styles and world views presented in the works. Students will be expected to read and analyze critical commentaries concerning the works. Furthermore they will become acquainted with the relationships between the works and world in which the authors lived. Prerequisite ENG 101 with a grade of C or higher or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI H3 914LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
	Social / Behavioral Science	3 Hours
	Fine Arts	3 Hours
	Personal Development	1 Hour
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

ENG226	American Literature From 1860	3 Hours

By participating in class discussions and reading original works students will be exposed to and engaged in a broad and intensive study of American literature from 1860 to the present. Students will analyze and discuss specific themes styles and world views presented in the works. Students will be expected to read and analyze critical commentaries concerning the works. Furthermore they will become acquainted with the relationships between the works and world in which the authors have lived. Prerequisite ENG 101 with a grade of C or higher or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI H3 915LectureLab Hours 3 lecweek

Third Semester - 17-18 Hours

Course #	Course Title	Hours
***	Life Science	3-4 Hours
	Foreign Language	4 Hours
	Social / Behavioral Science	3 Hours
	Personal Development	1 Hour
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG227	British Literature I	3 Hours

By listening to lectures and reading original works students will be exposed to and engaged in a broad and intensive study of British literature from the beginning up to the Romantics. Students will analyze and discuss specific themes styles narrative structures and world views presented in the different works. Students will be expected to read and analyzesecondary sourcesconcerning the works. Furthermore they will become acquainted with the relationships between the works and the world in which the authors lived. Prerequisite ENG 101 with a grade of C or higher or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI H3 912LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
***	Physical Science	3-4 Hours
	Social / Behavioral Science	3 Hours
	ENG Elective (Options: ENG 201, 203, 206, 212 or 230)	3 Hours
ENG228	British Literature II	3 Hours

By listening to lectures and reading original works students will engage in a broad and intensive study of British literature from the Romantics through the moderns. Students will analyze and discuss specific themes styles narrative structures and world views presented in the different works. Students will be expected to read and analyze secondary sources concerning the works. Furthermore they will become acquainted with the relationships between the works and the world in which the authors lived.Prerequisite ENG 101 with a grade of C or higher or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI H3 913LectureLab Hours 3 lecweek

Footnotes

* British Literature and American Literature are offered in rotation every other year and will need faculty approval for first semester.

** Competency in a single foreign language through the third or fourth college semester is often required.

*** One lab science required.

ENTREPRENEURSHIP & SMALL BUSINESS MANAGEMENT

Certificate
Entrepreneurship & Small Business Management (B89)

This certificate has been designed for current and prospective business professionals seeking opportunities in creating and managing their own business and entrepreneurship ventures. Students will be introduced to the planning, managing, and goal-setting functions required within small business ownership and entrepreneurship.

Work and Employment

This certificate would enable students to gain skills and competencies to become an entrepreneur or enhance the skills of current entrepreneurs. This certificate would also enhance students' education if they continue towards a two-year degree.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Emily Zimmerman, Professor of Business 815-835-6259

Total Hours Required - 25-26 Hours

Major Field Requirements - 13 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS260	Entrepreneurship Principles	3 Hours

Entrepreneurship Principles examines the various skills habits and mindset essential for a successful entrepreneurial venture. Real world case studies will provide opportunities to analyze why certain businesses fail while others succeed. Students will also encounter exposure to a variety of entrepreneurship ventures through lectures group discussions and research that support growth in problem recognition solution development and the exploration of career options. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Electives - 12-13 Hours

Management Track

Choose from the list of ACC, BUS, CIS and ECO courses below:

Course #	Course Title	Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS205	Principles of Management	3 Hours

Principles of Management analyzes the organizing planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

CIS220	Computer Accounting	2 Hours

This course covers small business accounting using computer software. Topics include creating a chart of accounts recording customer and vendor transactions processing payroll and printing reports. In addition setting up a new company is covered as well as advanced topics such as exporting to spreadsheet software.Prerequisite None. Recommend CIS 109 and ACC 101 Semester hours 2LectureLab Hours 2 lecweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

Marketing Track

Choose from the list of BUS, CIS and MCC courses below:

Course #	Course Title	Hours
BUS210	Marketing	3 Hours

An examination of the fundamental principles and functions of marketing with emphasis on the tools and techniques by which goods are transferred from producer to consumer notforprofit marketing consumer behavior organizational buying behavior and the relation of marketing to the economic and business structure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software

applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

MCC103	Studio Photography and Editing	3 Hours

An overview of the basic concepts of camera control lighting and composition as well as shooting techniques for digital photography will be presented. File management and image manipulation will be included.Prerequisite NoneSemester Hours 3LectureLab Hours 6 labweek

MCC105	Motion Graphics and Animation	3 Hours

An overview and application of motion graphics and animation. Industry-standard software will be used to create motion graphics and animation including 2D 3D and practical styles of animation.Prerequisite NoneSemester Hours 3LectureLab Hours 6 labweek

MCC236	Video Production and Editing	3 Hours

An overview of the basic concepts of video production including pre-production production and post production. Video editing for movies television and web will be explored. File management and video manipulation will be included.Prerequisite NoneSemester Hours 3LectureLab Hours 6 labweek

MCC238	Website and App Design	3 Hours

An overview of web and app creation as well as social media. This includes technical visual and social impact and ethics.Prerequisite NoneSemester Hours 3LectureLab Hours 6 lab

Suggested Program

First Semester - 13 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS260	Entrepreneurship Principles	3 Hours

Entrepreneurship Principles examines the various skills habits and mindset essential for a successful entrepreneurial venture. Real world case studies will provide opportunities to analyze why certain businesses fail while others succeed. Students will also encounter exposure to a variety of entrepreneurship ventures through lectures group discussions and research that support growth in problem recognition solution development and the exploration of career options. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Second Semester - 12-13 Hours

Course #	Course Title	Hours
	Choose FOUR Electives listed above from your selected track	12-13 Hours

FOREIGN LANGUAGE

Associate in Arts Degree with a Concentration in Foreign Language (603)

The concentration in Spanish prepares students to transfer to four-year universities to pursue a bachelor's degree in Foreign Language Education, Interpreting, and/or Translation.

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Bachelor's degree programs in Foreign Language encompass two distinct emphases: an Education emphasis or the Translation emphasis. For example, some institutions offer the Teaching programs for up to High School levels. They also offer the Translation in Business track which includes a few business courses requirement.
2. COM 131, ENG 101 and ENG 103 are recommended electives based on top transfer school requirements. Some schools also require completion of Certifications/Licensure for High School Teaching.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
	Mathematics	3-4 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

HIS131	Western Civ to 1648	3 Hours

Origins and development of western civilization beginning with the classical civilization of the ancient world and dealing with the contributions of each major historical group until the emergence of modern Europe in the commercial revolution of the sixteenth century.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S2 902LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
	Personal Development	3 Hours
	Electives	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

HIS132	Western Civ Since 1648	3 Hours

A continuation of the subject material offered in HIS 131. The history of the social economic political and intellectual life of modern times the French Revolution the Napoleonic era nationalism and imperialism world wars the problems of world cooperation and evaluation of present world problems are studied.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S2 903LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
*	Life Science	3-4 Hours
	Humanities / Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
	Electives	3 Hours

Fourth Semester - 14-15 Hours

Course #	Course Title	Hours
	Foreign Language	4 Hours
*	Physical Science	3-4 Hours
	Fine Arts	3 Hours
	Electives	4 Hours

Footnotes

* One lab science required.

HEATING, REFRIGERATION, & AIR CONDITIONING: ENTRY LEVEL TECHNICIAN

Certificate
Heating, Refrigeration, & Air Conditioning: Entry Level Technician (H84)

This program is designed to prepare students for employment in heating and air conditioning service work.

Work and Employment

The technician is an entry-level position. The graduate will have the skills to troubleshoot and repair heating, air conditioning and refrigeration systems. The technician will be required to use and have knowledge of special testing equipment. Work conducted as an entry-level technician is usually supervised by a seasoned professional.

Special Considerations

The technician must be able to work in wide range of environments including a construction type environment and finished residential and light commercial buildings. The technician must be able to lift 50 pounds frequently and 80 pounds occasionally.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Jeff Johnson, Multicraft Instructor, 815-835-6572

Total Hours Required - 16 Hours

Major Field Requirements

Course #	Course Title	Hours
ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

HRS100	EPA Certification	1 Hour

The course will contain all the information needed for a technician to successfully complete EPA certification. This is required to work in the HVAC field.Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

HRS114	Sheet Metal Fabrication	3 Hours

The students will obtain a working knowledge of layout and fabrication of common fittings used today. The student will learn how to use the tooling in a sheet metal shop safely and efficiently. This is a basic class and does not go into advanced layout procedures.Prerequisite NoneSemester Hours 3LectureLab Hours 1 lec3 labweek

HRS120	Basic Refrigeration	3 Hours

This course will allow the student to become proficient in the use of tools and proficient in the correct materials to use for a given task. The tools will be specific to air conditioning operations for proper operations of components and system performance.Prerequisite ELT 120 may be taken concurrently or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

HRS130	Basic Heating	3 Hours

This class covers the basic residential forced air heating system. The class will address basic concepts involved in the combustion process for safe operation of a home forced air heating system. Furnace components and parts will be studied and how to properly hook components together for safe and efficient operation. The class will explore different furnace efficiencies and how they differ.Prerequisite ELT 120 or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 9 Hours

Course #	Course Title	Hours
ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

HRS114	Sheet Metal Fabrication	3 Hours

The students will obtain a working knowledge of layout and fabrication of common fittings used today. The student will learn how to use the tooling in a sheet metal shop safely and efficiently. This is a basic class and does not go into advanced layout procedures.Prerequisite NoneSemester Hours 3LectureLab Hours 1 lec3 labweek

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 7 Hours

Course #	Course Title	Hours
HRS100	EPA Certification	1 Hour

The course will contain all the information needed for a technician to successfully complete EPA certification. This is required to work in the HVAC field.Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

HRS120	Basic Refrigeration	3 Hours

This course will allow the student to become proficient in the use of tools and proficient in the correct materials to use for a given task. The tools will be specific to air conditioning operations for proper operations of components and system performance.Prerequisite ELT 120 may be taken concurrently or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

HRS130	Basic Heating	3 Hours

This class covers the basic residential forced air heating system. The class will address basic concepts involved in the combustion process for safe operation of a home forced air heating system. Furnace components and parts will be studied and how to properly hook components together for safe and efficient operation. The class will explore different furnace efficiencies and how they differ.Prerequisite ELT 120 or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

HISTORY

Associate in Arts Degree with a Concentration in

History (652)

The history concentration will prepare students to transfer to a four-year institution to earn a bachelor's degree in history.

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Transfer guides for some universities are available at svcc.edu/transfer.

1. Students wanting to major in history may have a choice of earning a B.A. or a B.S. degree, depending on the school they attend. History majors normally pursue a B.A. degree, but students should consult their Academic Advisor on the differences between degrees. A history major may also pursue a program leading to state certification as high school (9-12) history teachers.
2. Students pursuing history as a major are advised to take non-history courses to fulfill the GECC Humanities and the GECC Social and Behavioral Sciences general education requirements. Consult with your advisor frequently as you take courses in General Education. These courses may impact your major/area plan of study (this is especially important when pursuing a major in History Education).
3. Students should complete the American History (HIS 221 and 222) and Western Civilization (HIS 131 and 132) Sequences prior to transfer as these courses are foundational prerequisites at most colleges.
4. Students who have decided upon a minor field are encouraged to complete one or more courses in the minor. Students planning to seek high school (6-12) teacher certification are encouraged to complete one or more recommended professional education courses. Students should select courses in consultation with an advisor.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Richard Eichman, Professor of History / English, 815-835-6380

Minimum Total Credit Hours - 66 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
**	Electives / Foreign Language	4 Hours
	Humanities	3 Hours
	Mathematics	3 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

HIS131	Western Civ to 1648	3 Hours

Origins and development of western civilization beginning with the classical civilization of the ancient world and dealing with the contributions of each major historical group until the emergence of modern Europe in the commercial revolution of the sixteenth century.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S2 902LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
**	Electives / Foreign Language	4 Hours
	Fine Arts	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals

of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

HIS132	Western Civ Since 1648	3 Hours

A continuation of the subject material offered in HIS 131. The history of the social economic political and intellectual life of modern times the French Revolution the Napoleonic era nationalism and imperialism world wars the problems of world cooperation and evaluation of present world problems are studied.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S2 903LectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
**	Electives / Foreign Language	4 Hours
	Electives	3 Hours
***	Life Science	3-4 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

HIS221	American History to 1865	3 Hours

Students will examine the first interactions of Native American cultures European conquerors and enslaved Africans. They will compare the Spanish French and English experiences in North America and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues political clashes and social changes of the Federalist Jefferson and Jacksonian periods. Students will explore westward expansion immigration in the north and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 900LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
**	Humanities / Foreign Language	4 Hours
***	Physical Science	3-4 Hours
	Personal Development	3 Hours
	Social / Behavioral Sciences	3 Hours
HIS222	American History Since 1865	3 Hours

Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution the Gilded Age the Great Depression the two World Wars the Cold War the Age of Affluence and the Struggle For Racial and Gender Equality. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 901LectureLab Hours 3 lecweek

Footnotes

* Since schools divide historical periods differently across courses, students should complete course sequences at the same school.

** B.A. degree may require competency in a single foreign language through the third or fourth college semester. B.S. degree may require more courses in mathematics, statistics and/or computer science. Consult an academic advisor for more information.

*** One lab science required.

INDUSTRIAL MAINTENANCE ELECTRICIAN

Certificate

Industrial Maintenance Electrician (H94)

This program is designed to prepare individuals to work in maintenance crews for industrial manufacturing maintenance departments, specifically in the area of electrical control mechanisms.

Work and Employment

In our society, industries of one type or another produce almost all of our nation's goods. These industries rely on the machines, including robots that industrial maintenance workers install, maintain, troubleshoot, and repair. Maintenance workers in this field also facilitate and work on electrical, mechanical, plumbing, and heating and air conditioning systems..

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Jeff Johnson, Multicraft Instructor, 815-835-6572

Total Hours Required - 23 Hours

Major Field Requirements

Course #	Course Title	Hours
ELT101	Electrical Wiring	3 Hours

Students will be introduced to basic electrical wiring as it applies to residential occupancies placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohms Law and be taught to wire series and parallel circuits install single-pole three-way and four-way switches duplex receptacles and service panels and troubleshoot circuits.Prerequisite NoneSemester Hourss 3LectureLab Hours 2 lec2 labweek

ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT261	National Electric Code	3 Hours

A study of National Electric Code specifications with emphasis placed on proper installation of all circuits. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 3 lecweek

ELT262	Electrical Controls	3 Hours

Provides the student with sufficient knowledge so that the person is proficient in the installation servicing and maintenance of the controls used in industry and home. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

IND219	Industrial Troubleshooting	3 Hours

Students will learn to systematically troubleshoot equipment and control systems used in industry. This course will start with analyzing troubleshooting theory and flowcharts and evolve into actual hands-on troubleshooting of simulated industrial machinery.Prerequisite ELT 120 and ELT 262 may be taken concurrently or consent of instructorSemester Hours 3 LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 11 Hours

Course #	Course Title	Hours
ELT101	Electrical Wiring	3 Hours

Students will be introduced to basic electrical wiring as it applies to residential occupancies placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohms Law and be taught to wire series and parallel circuits install single-pole three-way and four-way switches duplex receptacles and service panels and troubleshoot circuits.Prerequisite NoneSemester Hourss 3LectureLab Hours 2 lec2 labweek

ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 12 Hours

Course #	Course Title	Hours
ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT261	National Electric Code	3 Hours

A study of National Electric Code specifications with emphasis placed on proper installation of all circuits. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 3 lecweek

ELT262	Electrical Controls	3 Hours

Provides the student with sufficient knowledge so that the person is proficient in the installation servicing and maintenance of the controls used in industry and home. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

IND219	Industrial Troubleshooting	3 Hours

Students will learn to systematically troubleshoot equipment and control systems used in industry. This course will start with analyzing troubleshooting theory and flowcharts and evolve into actual hands-on troubleshooting of simulated industrial machinery.Prerequisite ELT 120 and ELT 262 may be taken concurrently or consent of instructorSemester Hours 3 LectureLab Hours 2 lec2 labweek

KINESIOLOGY AND PHYSICAL EDUCATION

Associate in Arts Degree with a Concentration in Kinesiology and Physical Education (691)

The concentration in Kinesiology and Physical Education prepares students to transfer to four-year universities to pursue a bachelor's degree in kinesiology or physical education teacher education.

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. The kinesiology major studies human movement. It is a broad-based degree that prepares individuals to work in a variety of health, wellness and sport performance settings. The undergraduate curriculum can also prepare students for graduate school in exercise physiology, physical therapy, sport and exercise psychology, and sport management.
2. The physical education major leads to professional educator license with K-12 endorsement in the state of Illinois. To teach in Illinois public schools, teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator license is available on the Illinois Board of Education Website at www.isbe.net. Per Illinois law, a criminal background investigation will be required on applicants for employment. Students who have questions about this law should seek counseling with SVCC faculty or advising staff early in their program to determine if specific criminal background convictions may have an effect on their participation and eligibility.
3. Strong science coursework is extremely critical for kinesiology and physical education majors. Completion of human anatomy and physiology (BIO 109 and BIO 110) is highly recommended prior to transfer.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

For physical education teacher education:

1. A minimum grade point average of 2.5 (on a 4.0 scale), dependent on the transfer school requirements, is required for program admission.
2. Students will also need to achieve a C or better grade in general education and major coursework.

Special Considerations

For physical education, additional teaching endorsements are often recommended (for example health, drivers education, dance)

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
*	Mathematics	3-4 Hours
**	SUGGESTED in First Semester	
BIO120	Environmental Health	3 Hours

An examination of the environmental effects on human physiological systems resulting in diverse problems such as heart disease cancer and other health related concerns. This course is designed to assist the student in making informed responsible decisions affecting personal and environmental wellness.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

PED214	Intro to Physical Education	3 Hours

Course covers the historical development philosophies aims and objectives of Physical Education. Students will be oriented to the scope and opportunities in the various fields of Physical Education. This course will give the students a basic understanding and knowledge of the major sub-discipline areas within Physical Education. NOTE All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

Third Semester - 14 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	PED Activity	1 Hour
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

HIS221	American History to 1865	3 Hours

Students will examine the first interactions of Native American cultures European conquerors and enslaved Africans. They will compare the Spanish French and English experiences in North America and explore the events in the English colonies that led to revolution and independence. They will examine the constitution issues political clashes and social changes of the Federalist Jefferson and Jacksonian periods. Students will explore westward expansion immigration in the north and southern slave economy. They will consider the events of the decade of crisis that led to civil war and look closely at the war and its major consequences. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 900LectureLab Hours 3 lecweek

- OR -

HIS222	American History Since 1865	3 Hours

Students will examine American history from the Reconstruction Era to the present. They will gain an understanding of historical periods and events such as the Industrial Revolution the Gilded Age the Great Depression the two World Wars the Cold War the Age of Affluence and the Struggle For Racial and Gender Equality. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI IAI S2 901LectureLab Hours 3 lecweek

Fourth Semester - 16 Hours

Course #	Course Title	Hours
	Major Field / Electives	3 Hours
	PED Activity	1 Hour
	Humanities / Fine Arts	3 Hours
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

- OR -

***	EDU Elective	3 Hours
PED213	First Aid	2 Hours

This course will explore the necessary actions to be taken in case of an accident sudden illness in the home school and within the community based on the most current scientific evidence. Topics discussed include but are not limited to initial scene surveying checking the victim basic first aid CPR AED skills identifying medical emergencies and recognizing various injuries. Students successfully completing the course objectives will receive a two-year Certificate of Completion by the American Red Cross ARC in Adult and Pediatric First AidCPRAED proficiency. NOTE All courses may be selected as an

elective course in all programs. All one credit activity courses may be repeated for a total of two credits.Prerequisite NoneSemester Hours 2LectureLab Hours 2 lecweek

Footnotes

* Transfer institution will determine most appropriate mathematics course(s).

** EDU 105 (2 Semester Hours) is suggested in the first semester for students pursuing teacher education.

*** Select from EDU 105, 210, 220, 224, 275.

LIBERAL STUDIES

Liberal Studies
Associate in Liberal Studies (100)

The associate in liberal studies (A.L.S.) degree is a non-specialized degree that is tailored to meet the needs and interests of the individual student. Both transfer and career education courses may be used to fulfill the requirements for this alternate degree program. The A.L.S. degree is designed for the student who may not want to work toward the more traditional specialized degrees. While not intended to be a transfer degree, the A.L.S. degree is designed to enable the student to articulate with the Board of Trustee's baccalaureate degree program and the bachelor of liberal studies degree program at participating Illinois universities. (Sauk's articulation agreements with Illinois universities do not apply to the associate in liberal studies.)

MACHINING & CNC

Certificate
Machining & CNC (H73)

The Certificate program is intended to provide knowledge and additional training to a student already in the field of manufacturing, as well as a new student to the field who would like to increase his/her knowledge on topics such as machining, tool & die, and CNC operations.

Work and Employment

The program will allow a student to either gain entry level employment into manufacturing fields or have a student already involved in manufacturing increase his/her skill set for greater employment flexibility.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Total Hours Required - 23 Hours

Major Field Requirements

Course #	Course Title	Hours
ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

IND125	Machining & Manufacturing Proc	3 Hours

This course is an examination of the use and capabilities of the major machine tool groups including foundry their use in industry and the problems and properties of metal fabrication associated with each type. This is a manufacturing technique and basic machining course. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

IND203	Adv Machining & Manufac Proc	3 Hours

An examination of the use and capabilities of the machine tool groups. An advanced course for students wishing to have a comprehensive knowledge of machine shop operations in terms of set-up machine feeds tool and cutter sharpening and electrical discharge machining. Prerequisite IND 125 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND207	Computer Numerical Cont Prog I	3 Hours

This Computer Numerical Control Programming I course is designed to introduce to students the various processes involved in programming a CNC machine. Setting data points programming different milling events set-up functions and repeat functions will be examined. This course will use CNC Mills CNC Lathes CNC plasma cutter and 3D printing. This course is designed to prepare students who are looking for a position in the metalworking industry.Prerequisite IND 203 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND208	Comp Numerical Control Prog II	3 Hours

This course will build on the CNC programming knowledge and skills learned in IND 207 - Computer Numerical Control Programming I. Students will be expected to program more advanced CNC machining processes as well as identify the various types of CNC machines and programming functions used outside of the classroom. Industry tours will be a part of the course to give students a basic understanding of the diversity of types and uses of CNC machines. Prerequisite IND 207Semester Hours 3LectureLab Hours 2 lec2 labweek

IND250	Industrial Internship	1-3 Hour

Participation in a work experience in an area of technology under supervision of both the College and an employer. Internship objectives will be identified for each student enrolled. This course is repeatable two times for a maximum of 9 credits. Repeatable This course is repeatable two times for a maximum of nine credits.Prerequisite Twelve semester hours in major field and consent of instructor. Semester hours 1-3LectureLab Hours 5-10-15 hours internshipweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

Suggested Program

First Semester - 13 Hours

Course #	Course Title	Hours
ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

- OR -

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND125	Machining & Manufacturing Proc	3 Hours

This course is an examination of the use and capabilities of the major machine tool groups including foundry their use in industry and the problems and properties of metal fabrication associated with each type. This is a manufacturing technique and basic machining course. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

IND203	Adv Machining & Manufac Proc	3 Hours

An examination of the use and capabilities of the machine tool groups. An advanced course for students wishing to have a comprehensive knowledge of machine shop operations in terms of set-up machine feeds tool and cutter sharpening and electrical discharge machining. Prerequisite IND 125 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding

safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

Second Semester - 10 Hours

Course #	Course Title	Hours
IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

IND207	Computer Numerical Cont Prog I	3 Hours

This Computer Numerical Control Programming I course is designed to introduce to students the various processes involved in programming a CNC machine. Setting data points programming different milling events set-up functions and repeat functions will be examined. This course will use CNC Mills CNC Lathes CNC plasma cutter and 3D printing. This course is designed to prepare students who are looking for a position in the metalworking industry.Prerequisite IND 203 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND208	Comp Numerical Control Prog II	3 Hours

This course will build on the CNC programming knowledge and skills learned in IND 207 - Computer Numerical Control Programming I. Students will be expected to program more advanced CNC machining processes as well as identify the various types of CNC machines and programming functions used outside of the classroom. Industry tours will be a part of the course to give students a basic understanding of the diversity of types and uses of CNC machines. Prerequisite IND 207Semester Hours 3LectureLab Hours 2 lec2 labweek

IND250	Industrial Internship	1-3 Hour

Participation in a work experience in an area of technology under supervision of both the College and an employer. Internship objectives will be identified for each student enrolled. This course is repeatable two times for a maximum of 9 credits. Repeatable This course is repeatable two times for a maximum of nine credits.Prerequisite Twelve semester hours in major field and consent of instructor. Semester hours 1-3LectureLab Hours 5-10-15 hours internshipweek

Footnotes

* One credit hour required for this certificate

MANAGEMENT

Certificate
Management (B93)

The management certificate program is designed with a core of specialized business courses that allow a student to become familiar with the various aspects of business and industrial management. After becoming familiar with business, accounting, and human relations, a student may desire to move on toward the completion of an associate degree in management. The certificate is well designed for those individuals wanting to enter management or for those in management with a need to upgrade their skills.

Work and Employment

Supervisors direct the activities of their employees and make sure the work is done correctly. They teach employees safe work practices, train new workers to learn different aspects of the job, and ensure that equipment and materials are used properly and efficiently.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Emily Zimmerman, Professor of Business 815-835-6259

Total Hours Required - 22 Hours

Major Field Requirements

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content

emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS155	Materials Management	3 Hours

Materials Management covers the essentials of modern supply chain management including manufacturing purchasing distribution and quality management along with the integration of all elements of production planning and control as well as the impact of technology on warehousing and physical distribution.Prerequisite BUS 103Semester hours 3LectureLab Hours 3 lecweek

BUS205	Principles of Management	3 Hours

Principles of Management analyzes the organizing planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Suggested Program

First Semester - 10 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

Second Semester - 12 Hours

Course #	Course Title	Hours
BUS155	Materials Management	3 Hours

Materials Management covers the essentials of modern supply chain management including manufacturing purchasing distribution and quality management along with the integration of all elements of production planning and control as well as the impact of technology on warehousing and physical distribution.Prerequisite BUS 103Semester hours 3LectureLab Hours 3 lecweek

BUS205	Principles of Management	3 Hours

Principles of Management analyzes the organizing planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

MARKETING

Certificate
Marketing (B92)

This certificate is designed specifically for individuals who are already employed in the marketing field or are seeking employment in the industry. The emphasis of this program is on sales and retailing for a sales-related position in the marketing industry.

Work and Employment

Marketing is a broad field of business activity which involves planning, promoting, and distributing high demand products and services to the market place. A marketing manager makes decisions on purchasing, production, packaging, warehousing, advertising, market research and more.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Emily Zimmerman, Professor of Business 815-835-6259

Total Hours Required - 18 Hours

Major Field Requirements

Course #	Course Title	Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS105	Principles of Sales	3 Hours

An introduction to personal selling for those students whose main interest is in the field of marketing. This course will also provide the necessary skills of personal selling to potential salespeople so they may develop their growing responsibilities more efficiently and effectively to manage the entire value chain within their own organizations with their suppliers and with their customers. Potential salespeople will learn the sound skills of partnering and communication in order to develop and maintain strategic alliances within the regional national and international business communities. Integration of materials from other business and non-business disciplines will illustrate the application of theories in the practice of selling to deliver total quality. Potential salespeople will examine various methods in which salespeople employ technology to learn about to connect with and to build relationships with customers. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS210	Marketing	3 Hours

An examination of the fundamental principles and functions of marketing with emphasis on the tools and techniques by which goods are transferred from producer to consumer notforprofit marketing consumer behavior organizational buying behavior and the relation of marketing to the economic and business structure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS215	E-Commerce & Social Media Mktg	3 Hours

This course will cover how a business can market its products services and ideas using internet technology. Topics will include e-commerce as part of the marketing mix search engine optimization selling through the internet social networking blogs measuring results of the e-commerce strategy and email as permission marketing. Prerequisite BUS 103 or BUS 210 or consent of instructor.Semester Hourss 3LectureLab Hours 3 lecweek

BUS216	Advertising	3 Hours

The basic principles of advertising planning and management as it relates to marketing sequence including a survey of the major groups of advertising media printed broadcast positive and point-of purchase media and their application. Emphasis will be placed on the campaign approach to advertising program.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

Suggested Program

First Semester - 9 Hours

Course #	Course Title	Hours
BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS210	Marketing	3 Hours

An examination of the fundamental principles and functions of marketing with emphasis on the tools and techniques by which goods are transferred from producer to consumer notforprofit marketing consumer behavior organizational buying behavior and the relation of marketing to the economic and business structure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

Second Semester - 9 Hours

Course #	Course Title	Hours
BUS105	Principles of Sales	3 Hours

An introduction to personal selling for those students whose main interest is in the field of marketing. This course will also provide the necessary skills of personal selling to potential salespeople so they may develop their growing responsibilities more efficiently and effectively to manage the entire value chain within their own organizations with their suppliers and with their customers. Potential salespeople will learn the sound skills of partnering and communication in order to develop and maintain strategic alliances within the regional national and international business communities. Integration of materials from other business and non-business disciplines will illustrate the application of theories in the practice of selling to deliver total quality. Potential salespeople will examine various methods in which salespeople employ technology to learn about to connect with and to build relationships with customers. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS215	E-Commerce & Social Media Mktg	3 Hours

This course will cover how a business can market its products services and ideas using internet technology. Topics will include e-commerce as part of the marketing mix search engine optimization selling through the internet social networking blogs measuring results of the e-commerce strategy and email as permission marketing. Prerequisite BUS 103 or BUS 210 or consent of instructor.Semester Hourss 3LectureLab Hours 3 lecweek

BUS216	Advertising	3 Hours

The basic principles of advertising planning and management as it relates to marketing sequence including a survey of the major groups of advertising media printed broadcast positive and point-of purchase media and their application. Emphasis will be placed on the campaign approach to advertising program.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

MARKETING AND MANAGEMENT

Marketing and Management
Associate in Applied Science (019)

This program has been designed for persons seeking employment or advancement in middle management positions in business and industry. The program offers a student the opportunity to combine classroom instruction with on-the-job work experience. The program is designed to prepare a student for positions in human resources, sales, marketing, merchandising, and production.

Work and Employment

Marketing and management offer a wide range of career opportunities. The skills needed for each job vary by level of responsibility. Graduates from this program can pursue a variety of job opportunities such as wholesale or retail buyers, salespersons, management, and mid-level management.

Buyers purchase the best available merchandise at the lowest possible prices and expedite the delivery of goods from the producer to the consumer. Salespersons represent their products to potential buyers. Wholesale and retail sales are integral parts of a complex system of production, distribution, and merchandising. Wholesale buyers purchase goods directly from manufacturers or from other wholesale firms for resale to retail firms or to commercial establishments and other institutions. Retail buyers purchase goods from wholesale firms or directly from manufacturers for resale to the public.

Managers are needed in every business to plan, control and direct major functions toward organizational goals. The many job titles used for managers demonstrate the variety of responsibilities and positions in which managers work.

Mid-level managers hold intermediary positions between supervisory and top management. They might be responsible for a specific region, division, or activity in sales, service, or production.

Special Considerations

Graduates usually have the following skills and aptitudes: maintain high employee morale; communicate clearly in speech and in writing; show organization, objectivity, tactfulness, and responsibility; think logically; make ethical decisions, and create a resourceful network.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Emily Zimmerman, Professor of Business 815-835-6259

Total Hours Required - 61 Hours

Major Field Requirements - 45 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS105	Principles of Sales	3 Hours

An introduction to personal selling for those students whose main interest is in the field of marketing. This course will also provide the necessary skills of personal selling to potential salespeople so they may develop their growing responsibilities more efficiently and effectively to manage the entire value chain within their own organizations with their suppliers and with their customers. Potential salespeople will learn the sound skills of partnering and communication in order to develop and maintain strategic alliances within the regional national and international business communities. Integration of materials from other business and non-business disciplines will illustrate the application of theories in the practice of selling to deliver total quality. Potential salespeople will examine various methods in which salespeople employ technology to learn about to connect with and to build relationships with customers. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS106	Business Mathematics	3 Hours

This course develops an approach to the study of the fundamentals of computational skills used in business. These computational skills may be employed in businesscommercial decision making and in general quantitative business situations. Quantitative topics include reinforcement of fundamental arithmetic and mathematical processes equations and word problems percentages decimals and fractions product pricing and markup policies bank reconciliations notes and interest payroll records business inventory turnover and insurance principles. Further topics include the study of business depreciation business financial statements business and personal insurance corporate stocks and bonds international business compound interest applications and business statistics.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS155	Materials Management	3 Hours

Materials Management covers the essentials of modern supply chain management including manufacturing purchasing distribution and quality management along with the integration of all elements of production planning and control as well as the impact of technology on warehousing and physical distribution.Prerequisite BUS 103Semester hours 3LectureLab Hours 3 lecweek

- OR -

BUS216	Advertising	3 Hours

The basic principles of advertising planning and management as it relates to marketing sequence including a survey of the major groups of advertising media printed broadcast positive and point-of purchase media and their application. Emphasis will be placed on the campaign approach to advertising program.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS205	Principles of Management	3 Hours

Principles of Management analyzes the organizing planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS210	Marketing	3 Hours

An examination of the fundamental principles and functions of marketing with emphasis on the tools and techniques by which goods are transferred from producer to consumer notforprofit marketing consumer behavior organizational buying behavior and the relation of marketing to the economic and business structure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS211	Intro to Internatl Business	3 Hours

This course provides a survey of the world of international business. Topics of study include business operations in different cultures the impact of geography upon business operations an understanding of why products are the same or different in countries varying business practices as well as the impact of the Internet upon international business. Problems and practices in international business management activities will be analyzed. The issues include American management techniques in foreign settings comparative management among different countries and the complexity introduced by the management of international companies. The course focuses on international organizational functioning to help the student gain a diversity of views.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS215	E-Commerce & Social Media Mktg	3 Hours

This course will cover how a business can market its products services and ideas using internet technology. Topics will include e-commerce as part of the marketing mix search engine optimization selling through the internet social networking blogs measuring results of the e-commerce strategy and email as permission marketing. Prerequisite BUS 103 or BUS 210 or consent of instructor.Semester Hourss 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS231	Occupational Seminar I	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Instructor approval required for enrollment.Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in BUS 235. Semester hours 1LectureLab Hours 1 lecweek

BUS235	Occupational Internship I	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Instructor approval required for enrollment Prerequisite Concurrent enrollment in BUS 231. Semester hours 3LectureLab Hours 15 hours internshipweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

General Education Requirements - 15 Hours

Course #	Course Title	Hours
	Communications (ENG101, COM131 required)	6 Hours
	Social / Behavioral Science (ECO211, ECO212 required)	6 Hours
	Humanities / Fine Arts (PHL103 Recommended)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program

First Semester (Fall) - 14 Hours

Course #	Course Title	Hours
ACC101	Financial Accounting	4 Hours

This course presents accounting as an information system that produces summary financial statements primarily for users external to a business enterprise organized as a corporation. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a corporation. The procedures of how to analyze and interpret historical financial statements as well and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities long-term assets and liabilities corporations cash flow statements and financial statement analyses.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI BUS 903LectureLab Hours 4 lecweek

BUS103	Intro to Business	3 Hours

Introduction to Business provides a foundation of knowledge in business including an understanding of the basic processes of marketing finance production accounting information technology human resource management and the relationships of business to our society and government and the global economy.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS112	Human Relations	3 Hours

Stresses development of the individual and inter-personal relationships applied to business and industry with emphasis upon values communications problem solving motivation and leadership. In addition human relations skills and organizational behavior concepts are developed within modern organization environments to understand behavior performance learning perception values and diversity. Communications skills conflict resolutions power politics ethics and team dynamics are presented and analyzed within modern organizations. Organizational development principles such as organizational change global diversity productivity participative management and time as well as career management skills are presented and applied.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Second Semester (Spring) - 16 Hours

Course #	Course Title	Hours
ACC102	Managerial Accounting	4 Hours

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification accumulation and interpretation of information for planning controlling and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions also are included.Prerequisite ACC 101 Semester hours 4Illinois Articulation Initiative IAI BUS 904LectureLab Hours 4 lecweek

BUS106	Business Mathematics	3 Hours

This course develops an approach to the study of the fundamentals of computational skills used in business. These computational skills may be employed in businesscommercial decision making and in general quantitative business situations. Quantitative topics include reinforcement of fundamental arithmetic and mathematical processes equations and word problems percentages decimals and fractions product pricing and markup policies bank reconciliations notes and interest payroll records business inventory turnover and insurance principles. Further topics include the study of business depreciation business financial statements business and personal insurance corporate stocks and bonds international business compound interest applications and business statistics.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS205	Principles of Management	3 Hours

Principles of Management analyzes the organizing planning and controlling of business activities and the directing of people to achieve the objectives of business by studying the current management theories.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

CIS109	Introduction to Computers	3 Hours

This introductory course consists of the study ofcomputer hardware software operating systems communications networking Internet systems and program development life cycles and their role in business decision making. The use of Internet multimedia security and ethics will be emphasized throughout the course. In addition laboratory experience will be gained with a survey of Microsoft Windows and business computer software applications programs in word processing electronic spreadsheets database management presentation graphics and Internet. Prerequisite None. Students having no experience with computers are encouraged to first take CIS 100-KeyboardingSemester hours 3Illinois Articulation Initiative IAI BUS 902LectureLab Hours 2 lec2 labweek

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

Third Semester (Fall) - 15 Hours

Course #	Course Title	Hours
BUS210	Marketing	3 Hours

An examination of the fundamental principles and functions of marketing with emphasis on the tools and techniques by which goods are transferred from producer to consumer notforprofit marketing consumer behavior organizational buying behavior and the relation of marketing to the economic and business structure.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS215	E-Commerce & Social Media Mktg	3 Hours

This course will cover how a business can market its products services and ideas using internet technology. Topics will include e-commerce as part of the marketing mix search engine optimization selling through the internet social networking blogs measuring results of the e-commerce strategy and email as permission marketing. Prerequisite BUS 103 or BUS 210 or consent of instructor.Semester Hourss 3LectureLab Hours 3 lecweek

BUS222	The Legal Environment of Bus	3 Hours

The legal environment law course is an introductory course to law and the judicial system. Topics covered in the course include federal law securities employment labor relations social environment laws product liability and consumer protection. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

Fourth Semester (Spring) - 16 Hours

Course #	Course Title	Hours
BUS105	Principles of Sales	3 Hours

An introduction to personal selling for those students whose main interest is in the field of marketing. This course will also provide the necessary skills of personal selling to potential salespeople so they may develop their growing responsibilities more efficiently and effectively to manage the entire value chain within their own organizations with their suppliers and with their customers. Potential salespeople will learn the sound skills of partnering and communication in order to develop and maintain strategic alliances within the regional national and international business communities. Integration of materials from other business and non-business disciplines will illustrate the application of theories in the practice of selling to deliver total quality. Potential salespeople will examine various methods in which salespeople employ technology to learn about to connect with and to build relationships with customers. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS155	Materials Management	3 Hours

Materials Management covers the essentials of modern supply chain management including manufacturing purchasing distribution and quality management along with the integration of all elements of production planning and control as well as the impact of technology on warehousing and physical distribution.Prerequisite BUS 103Semester hours 3LectureLab Hours 3 lecweek

- OR -

BUS216	Advertising	3 Hours

The basic principles of advertising planning and management as it relates to marketing sequence including a survey of the major groups of advertising media printed broadcast positive and point-of purchase media and their application. Emphasis will be placed on the campaign approach to advertising program.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS211	Intro to Internatl Business	3 Hours

This course provides a survey of the world of international business. Topics of study include business operations in different cultures the impact of geography upon business operations an understanding of why products are the same or different in countries varying business practices as well as the impact of the Internet upon international business. Problems and practices in international business management activities will be analyzed. The issues include American management techniques in foreign settings comparative management among different countries and the complexity introduced by the management of international companies. The course focuses on international organizational functioning to help the student gain a diversity of views.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

BUS231	Occupational Seminar I	1 Hour

A seminar designed to complement the students initial placement in an approved working situation. Instructor approval required for enrollment.Prerequisite Completion of 12 hours in major field courses. Concurrent enrollment in BUS 235. Semester hours 1LectureLab Hours 1 lecweek

BUS235	Occupational Internship I	3 Hours

An occupational experience utilizing on-the-job training. All students are required to spend a minimum of 15 hours each week on the job. Instructor approval required for enrollment Prerequisite Concurrent enrollment in BUS 231. Semester hours 3LectureLab Hours 15 hours internshipweek

ECO212	Principles of Microeconomics	3 Hours

Introduction to price theories the behavior of the firm under varying market conditions and the behavior of the consumer. Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 902LectureLab Hours 3 lecweek

MATHEMATICS

Associate in Science Degree with a Concentration in Mathematics (416)

The concentration in Mathematics prepares students to transfer to four-year universities to pursue a bachelor's degree in Mathematics, Actuarial Science, Statistics, or Secondary Education teaching Mathematics.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Mathematics - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Bachelor's degree programs in Secondary Mathematics Education will require education classes. Bachelor's degree programs in Mathematics will require other classes.
2. It is highly advised that students complete the entire Calculus sequence at a single institution. Course content may vary widely among institutions depending on the credits assigned to each course, and completing the sequence at a single institution is the best way to ensure that neither credits nor content is lost in transfer.

Competitive Admissions

Bachelor's degree programs in Mathematics prepare students with diverse career goals by developing rigorous, logical thinking; an appreciation and familiarity with complex structures and algorithms; and the ability to learn technical material and abstract concepts. Community college students seeking a bachelor's degree in Mathematics are strongly encouraged to complete an Associate in Science (A.S.) degree prior to transfer. To transfer as a junior into a bachelor's math program, students must complete a minimum of 60 semester credits (64 for the Associate degree). Since admission is competitive, completing the recommended courses does not guarantee admission. A grade of "C" or better may be required when transferring chemistry, mathematics, and engineering science courses.

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

1. If you are also pursuing Secondary Education, other requirements through that program will be required for the Bachelor's degree at your transfer institution.
2. If planning on teaching at the college level (Community College or University) a Master's Degree in Mathematics (M.S or M.A) and/or a Ed.D/Ph.D may be required.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Carrie Conderman, Professor of Mathematics, 815-835-6356
- Kevin Megill, Associate Professor of Computer Information Systems, 815-835-6251
- Evan Hunziker, Assistant Professor, Mathematics, 815-835-????

Minimum Total Credit Hours - 64-68 Hours

Suggested Course Sequence

First Semester - 15-17 Hours

Course #	Course Title	Hours
	Life Science	3-5 Hours
	Social / Behavioral Science	3 Hours
	Personal Development	1 Hour
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Personal Development	1 Hour
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

CIS207	C++ Programming	3 Hours

This course teaches structured computer programming in the C language. It emphasizes structured design and procedural and data abstraction. It covers the fundamental control structures and data types in C.Prerequisite MAT 081 or MAT 090 with a grade of C or better OR two years of high school algebra with grades of C or better OR appropriate placement score AND CIS 150 or consent of instructor.Semester hours 3Illinois Articulation Initiative IAI CS 911LectureLab Hours 3 lecweek

- OR -

MAT150	Computer Prog Math & Engineer	3 Hours

The syntax of a high-level programming language is studied and applied to problems in mathematics science and engineering. An emphasis is placed on the structured development of algorithms to solve these problems. The programming language features that lend themselves to problems in these areas such as special variable types library and user defined functions and subprograms are dealt with in more detail. Applications involving methods of finding roots of functions numerical techniques of integration and differentiation vector and matrix operations included. Prerequisite MAT 203 with a grade of C or better. Semester Hours 3LectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

PHY211	Engineering Physics I	5 Hours

An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics Newtons Laws rotational motion equilibrium harmonic motion and waves. Prerequisite High school physics or PHY 201 and MAT 203. Semester Hours 5Illinois Articulation Initiative IAI P2 900L and PHY 911LectureLab Hours 4 lec2 labweek

Third Semester - 16-18 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Fine Arts	3 Hours
	Additional Science	3-5 Hours
**	Electives	3 Hours
MAT205	Calc & Analytic Geometry III	4 Hours

The elementary ideas concerning conic sections polar curves and vector-valued and multivariate functions are covered. These topics include area arc length and tangents for polar curves. In addition vectors vector derivatives curvature and motion in two and three space are studied. The multivariate concepts of differentiability partial differentiation gradient vectors LaGrange multipliers finding relative extreme values and multiple integration are studied. The course also includes material on vector fields line integrals independence of path Greens Theorem surface integrals the Divergence Theorem and Stokess Theorem.Prerequisite MAT 204 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-3 MTH 903LectureLab Hours 4 lecweek

Fourth Semester - 17 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Personal Development	1 Hour
**	Electives	3 Hours
**	Electives and / or Humanities / Fine Arts	4 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

MAT211	Differential Equations	3 Hours

This course is an introduction to methods of solving differential equations as well as applications of differential equations to physical problems. The methods for solving first-order differential equations include numerical techniques separation of variables substitution methods exact equation techniques and identification of integrating factors. Also some types of higher order equations will be explored including application problems. Linear independence and the Wronskian of higher order equations will be covered. Methods for solving second-order homogeneous and non-homogeneous equations include the methods of undetermined coefficients reduction of order and variation of parameters. At least two of the following topics will be covered in depth LaPlace transforms power series methods partial differential equations and Fourier series systems of linear differential equations further numerical methods and non-cursory treatment of other advanced topics. Prerequisite Grade of C or better in MAT 204 Calculus and Analytic Geometry II Semester Hours 3Illinois Articulation Initiative IAI MTH 912LectureLab Hours 3 lecweek

- OR -

MAT231	Linear Algebra	3 Hours

This course is an introduction to the mathematical theory and application of matrices vectors vector spaces and linear transformations. Topics include the algebra of matrices for solving systems of linear equations the theory of finite-dimensional vector spaces and theorems and applications associated with eigenvectors and eigenvalues. Students will construct proofs of propositions involving the following matrices determinants vector spaces and inner product spaces. Applications of linear algebra will be examined.Prerequisite A grade of C or better in MAT 204Semester Hours 3Illinois Articulation Initiative IAI MTH 911LectureLab Hours 3 lecweek

Footnotes

* Calculus - It is highly advised that students complete the entire Calculus sequence at a single institution. Course content may vary widely among institutions depending on the credits assigned to each course, and completing the sequence at a single institution is the best way to assure that neither credit nor content is lost in transfer.

** Suggested electives include CIS 208 and / or MAT 230, and one Humanities or Fine Arts general education class.

MULTICRAFT TECHNOLOGY

Multicraft Technology
Associate in Applied Science (061)

Graduates of the Multicraft Technology program are prepared to enter the work force as engineering technicians, field service engineers, plant maintenance technicians and application engineers or to move into supervisory positions. Graduates may continue their education at select colleges and universities and earn an advanced degree. Multicraft technicians combine knowledge of mechanical engineering technology with knowledge of electrical and electronic circuits to maintain, design, develop, test, and manufacture electronic and computer-controlled mechanical systems, such as robotic assembly machines. They also operate these machines in factories and other work sites. Maintenance technicians will work independently and with other plant personnel to perform preventative, predictive and routine maintenance tasks. They will troubleshoot issues, repair failures of production and facilities equipment, and ensure maximum equipment efficiency and effectiveness. Their work often overlaps that of both electrical and electronic engineering technicians and mechanical engineering technicians. The program content is constantly updated so that students stay current and competitive in today's market place. This degree allows the student to choose electives towards one student-selected specialization in Electrical, HVAC, Machining & CNC, Ag Mechanics, or Welding. Graduates of the program may pursue certification in their field.

Work and Employment

Graduates of this program are prepared to work in industry, instrumentation, design, field service, and service laboratories. Graduates may supervise technicians in the assembly, installation, repair, maintenance, calibration, and modification of electro-mechanical systems and robotics.

Sauk has formed partnerships with local manufacturers to offer paid internships for students in the Multicraft program. Visit svcc.edu/meip for details.

Special Considerations

Workers usually have the following skills and aptitudes: the ability to do precise and detailed work, use good eye-hand coordination, notice and compare differences in objects, have mathematical and mechanical aptitudes, are analytic, curious and creative.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Scott Gillihan, Welding Instructor, 815-835-6278
- Jeff Johnson, Multicraft Instructor, 815-835-6572
- Kurt Stuart, Associate Professor, Electrical and Industrial Technology, 815-835-6415
- Kevin M. Larsen, Assistant Professor of Agriculture, 815-835-6279

Total Hours Required - 60-61 Hours

Major Field Requirements - 43 Hours

Course #	Course Title	Hours
	Emphasis Electives	9 or 10 Hours
	See Area Emphasis Electives below for choices. Choose One Emphasis.	
EET245	Programmable Controllers	3 Hours

This course will cover basic control logic PLC programming and using the PLC as a troubleshooting device. Relay-type instructions timer and counter operations math and data compare instructions sequencers shift registers and program control instructions will be discussed. The course will also cover forcing commands. Programming will use Rockwell Studio 5000 and the primary PLCs used in this class will be the Allen Bradley ControlLogix and CompactLogix series. Course content will be applicable to any PLC using the Ladder Diagram language.Prerequisite ELT 120 with a grade of C or higher. Semester Hours 3LectureLab Hours 2 lec2 labweek

EET261	Adv Programmable Controllers	3 Hours

This is an advanced course in programmable controllers. The course will be applicable to all modern industrial controllers. The course will cover PLC programming including advanced programming instructions networking instructions and applications. Products and processes used to collect information to document and analyze productivity through the use of accurate versatile and reliable electronic equipment that range from simple recorders to computer systems will be introduced. SCADA Supervisory Control and Data Acquisition systems and interfacing techniques using Remote Terminal Units RTU or other commercial modules will be covered. The use of robotics will be introduced.Prerequisite EET 245 with a grade of C or higher.Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT262	Electrical Controls	3 Hours

Provides the student with sufficient knowledge so that the person is proficient in the installation servicing and maintenance of the controls used in industry and home. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

IND218	Fluid Power	3 Hours

This course will combine the operating fundamentals of hydraulic and pneumatic controls and operations. Students will read and interpret prints using proper symbols and documentation. Students will be able to design and assemble a complete fluid power system using the correct calculations for proper sizing of equipment.Prerequisite ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

IND219	Industrial Troubleshooting	3 Hours

Students will learn to systematically troubleshoot equipment and control systems used in industry. This course will start with analyzing troubleshooting theory and flowcharts and evolve into actual hands-on troubleshooting of simulated industrial machinery.Prerequisite ELT 120 and ELT 262 may be taken concurrently or consent of instructorSemester Hours 3 LectureLab Hours 2 lec2 labweek

IND250	Industrial Internship	1 Hour
WLD101	Industrial MIG Welding	2 Hours

This course is designed to provide students with a thorough understanding of arc welding fundamentals including welding safety MIG welding blueprint reading welding symbols AWS 14.3 welding standard air carbon arc reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet and groove welds in flat and horizontal position. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD102	Shielded Metal Arc Welding	3 Hours

This course introduces the fundamental theory safety practices equipment and techniques required for shielded metal arc welding SMAW in the flat horizontal vertical and overhead positions. Qualification tests in flat horizontal vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

- OR -

WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

General Education Requirements - 16 Hours

Course #	Course Title	Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

	Humanities / Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
PHY175	Physical Science (PHY175 Required)	4 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Electives for Electrical Emphasis - 9 Hours

Course #	Course Title	Hours
ELT101	Electrical Wiring	3 Hours

Students will be introduced to basic electrical wiring as it applies to residential occupancies placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohms Law and be taught to wire series and parallel circuits install single-pole three-way and four-way switches duplex receptacles and service panels and troubleshoot circuits.Prerequisite NoneSemester Hourss 3LectureLab Hours 2 lec2 labweek

ELT261	National Electric Code	3 Hours

A study of National Electric Code specifications with emphasis placed on proper installation of all circuits. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 3 lecweek

ENE130	Photovoltaics	3 Hours

The course will cover the basic principles of photovoltaics and how to effectively incorporate PV systems into stand-alone or interconnected electrical systems. The course will cover site evaluations operation design and sizing installation and advantages and disadvantages of different systems.Prerequisite ELT 120 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

Electives for HVAC Emphasis - 9 Hours

Course #	Course Title	Hours
HRS114	Sheet Metal Fabrication	3 Hours

The students will obtain a working knowledge of layout and fabrication of common fittings used today. The student will learn how to use the tooling in a sheet metal shop safely and efficiently. This is a basic class and does not go into advanced layout procedures.Prerequisite NoneSemester Hours 3LectureLab Hours 1 lec3 labweek

HRS120	Basic Refrigeration	3 Hours

This course will allow the student to become proficient in the use of tools and proficient in the correct materials to use for a given task. The tools will be specific to air conditioning operations for proper operations of components and system performance.Prerequisite ELT 120 may be taken concurrently or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

HRS130	Basic Heating	3 Hours

This class covers the basic residential forced air heating system. The class will address basic concepts involved in the combustion process for safe operation of a home forced air heating system. Furnace components and parts will be studied and how to properly hook components together for safe and efficient operation. The class will explore different furnace efficiencies and how they differ.Prerequisite ELT 120 or consent of instructor.Semester Hours 3LectureLab Hours 2 lec2 labweek

Electives for Machining & CNC Emphasis - 9 Hours

Course #	Course Title	Hours
IND125	Machining & Manufacturing Proc	3 Hours

This course is an examination of the use and capabilities of the major machine tool groups including foundry their use in industry and the problems and properties of metal fabrication associated with each type. This is a manufacturing technique and basic machining course. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

IND203	Adv Machining & Manufac Proc	3 Hours

An examination of the use and capabilities of the machine tool groups. An advanced course for students wishing to have a comprehensive knowledge of machine shop operations in terms of set-up machine feeds tool and cutter sharpening and electrical discharge machining. Prerequisite IND 125 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND207	Computer Numerical Cont Prog I	3 Hours

This Computer Numerical Control Programming I course is designed to introduce to students the various processes involved in programming a CNC machine. Setting data points programming different milling events set-up functions and repeat functions will be examined. This course will use CNC Mills CNC Lathes CNC plasma cutter and 3D printing. This course is designed to prepare students who are looking for a position in the metalworking industry.Prerequisite IND 203 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND208	Comp Numerical Control Prog II	3 Hours

This course will build on the CNC programming knowledge and skills learned in IND 207 - Computer Numerical Control Programming I. Students will be expected to program more advanced CNC machining processes as well as identify the various types of CNC machines and programming functions used outside of the classroom. Industry tours will be a part of the course to give students a basic understanding of the diversity of types and uses of CNC machines. Prerequisite IND 207Semester Hours 3LectureLab Hours 2 lec2 labweek

Electives for AG Mechanics - 10 Hours

Course #	Course Title	Hours
AGR130	Intro to Agr Mechanics	4 Hours

This course is designed to provide a introduction to agricultural power engines hydraulics calibrations and agricultural equipment agricultural electrification and applications circuits motors and controls agricultural structures plans loads construction materials and layout and design metal fabrication and soil and water conservation surveying mapping drainage and conservation structures.Prerequisite None Semester hours 4Illinois Articulation Initiative IAI AG 906LectureLab Hours 3 lec2 labweek

AGR234	Precision Agr Technology	3 Hours

An introductory course providing an overview of the principles of precision agriculture with a focus on the use of technology within the industry. Course material and discussions will include how technologies such as global navigation satellite systems agricultural geographic information systems sensors for the measurement of soil and plant variables yield monitoring and variable rate technology are being implemented to inform sub-field level management and farm business decisions. Issues discussed in this course include assessment of agronomic responses profitability adaptable cropping practices and conservation planning.Prerequisite AGR 109 and AGR 130Semester Hours 3Illinois Articulation Initiative IAI AG 907LectureLab Hours 2 lec2 labweek

UAS101	Intro to Unmanned Aircraft Sys	3 Hours

An introduction to small unmanned aircraft systems sUAS and preparation for the FAAs Part 107 Remote Pilot exam. This course does not require previous experience with remote-controlled aircraft. Safety control and basic maneuvers are key elements. Quadcopters are the focus with particular attention to their use in agricultural business. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec. 2 labweek

Electives for Welding Emphasis - 9 Hours

Course #	Course Title	Hours
WLD102	Shielded Metal Arc Welding	3 Hours

This course introduces the fundamental theory safety practices equipment and techniques required for shielded metal arc welding SMAW in the flat horizontal vertical and overhead positions. Qualification tests in flat horizontal vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

- OR -

WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD104	TIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Tungsten Inert Gas TIG arc welding fundamentals also referred to as Gas Tungsten Arc Welding GTAW including the following topics welding safety power sources machine setup adjustment and maintenance identification of welding defects and quality welds filler wire selection shielding gas selection testing procedures other TIG processes including stainless steel and aluminum. Training to develop the manual skills necessary to make high quality TIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positions. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD140	Robotic Welding	3 Hours

This course is designed to give students hands-on understanding of robotic are welding. Topics to be covered include safely jogging the robot setting up welding equipment robotic welding teach pendent robotic welding parameters motion types programming examples saving and backing up robot programs and controller files. Students will develop robotic welding programs using robot controllers application software and hardware.Prerequisite WLD 103 MIG Welding or WLD 106 Fundamentals of Welding. Corequisite WLD 103 or WLD 106 can be taken concurrently with WLD 140Semester Hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

(Will vary according to emphasis. See an Academic Advisor for Individualized Plan.)

First Semester - 13 Hours

Course #	Course Title	Hours
ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

IND108	Introduction to CAD	2 Hours

An introduction to engineering design and graphics using the latest version of AutoCAD. Basic AutoCAD commands will be introduced and emphasized throughout this course. Development of technical drawing skills including design problems sketching dimensioning tolerancing orthographic projection sectional views and other viewing conventions. The course will proceed from the basics of design and sketching to applications used in preparing detail and assembly drawings.Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec2 lab

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

WLD101	Industrial MIG Welding	2 Hours

This course is designed to provide students with a thorough understanding of arc welding fundamentals including welding safety MIG welding blueprint reading welding symbols AWS 14.3 welding standard air carbon arc reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet and groove welds in flat and horizontal position. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
EET245	Programmable Controllers	3 Hours

This course will cover basic control logic PLC programming and using the PLC as a troubleshooting device. Relay-type instructions timer and counter operations math and data compare instructions sequencers shift registers and program control instructions will be discussed. The course will also cover forcing commands. Programming will use Rockwell Studio 5000 and the primary PLCs used in this class will be the Allen Bradley ControlLogix and CompactLogix series. Course content will be applicable to any PLC using the Ladder Diagram language.Prerequisite ELT 120 with a grade of C or higher. Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT262	Electrical Controls	3 Hours

Provides the student with sufficient knowledge so that the person is proficient in the installation servicing and maintenance of the controls used in industry and home. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

WLD102	Shielded Metal Arc Welding	3 Hours

This course introduces the fundamental theory safety practices equipment and techniques required for shielded metal arc welding SMAW in the flat horizontal vertical and overhead positions. Qualification tests in flat horizontal vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

- OR -

WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

Third Semester - 15 Hours

Course #	Course Title	Hours
**	Emphasis Electives	6 Hours
EET261	Adv Programmable Controllers	3 Hours

This is an advanced course in programmable controllers. The course will be applicable to all modern industrial controllers. The course will cover PLC programming including advanced programming instructions networking instructions and applications. Products and processes used to collect information to document and analyze productivity through the use of accurate versatile and reliable electronic equipment that range from simple recorders to computer systems will be introduced. SCADA Supervisory Control and Data Acquisition systems and interfacing techniques using Remote Terminal Units RTU or other commercial modules will be covered. The use of robotics will be introduced.Prerequisite EET 245 with a grade of C or higher.Semester Hours 3LectureLab Hours 2 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test

high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

IND218	Fluid Power	3 Hours

This course will combine the operating fundamentals of hydraulic and pneumatic controls and operations. Students will read and interpret prints using proper symbols and documentation. Students will be able to design and assemble a complete fluid power system using the correct calculations for proper sizing of equipment.Prerequisite ELT 120Semester Hours 3LectureLab Hours 2 lec2 labweek

Fourth Semester - 17 Hours

Course #	Course Title	Hours
**	Emphasis Electives	3 - 4 Hours
	Humanities / Fine Arts	3 Hours
ENG111	Bus/Technical Communication	3 Hours

Provides information on principles of written and oral communication specifically applied to business and technical fields. Assignments are designed to develop skill and practice in the use of these principles and include the writing of memoranda business letters instructions informal reports and formal reports. Students are encouraged to tailor assignments to the specific careers they are pursuing. Not applicable for humanities requirement.Prerequisite ENG 101 with a grade of C or higher. Because of emphasis on graphics and computer formatting students are advised to complete CIS 109 or IND 105 or to have equivalent word processing skills.Semester Hours 3LectureLab Hours 3 lecweek

IND219	Industrial Troubleshooting	3 Hours

Students will learn to systematically troubleshoot equipment and control systems used in industry. This course will start with analyzing troubleshooting theory and flowcharts and evolve into actual hands-on troubleshooting of simulated industrial machinery.Prerequisite ELT 120 and ELT 262 may be taken concurrently or consent of instructorSemester Hours 3 LectureLab Hours 2 lec2 labweek

IND250	Industrial Internship	1 Hour
PHY175	Introduction to Physics	4 Hours

This course covers basic concepts of physics including units in mechanics sound optics electricity magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the students life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.Prerequisite ELT 120 with a grade of D or higher bORb MAT 078 or MAT 081 or MAT 090 or MAT 106 or higher with a C or higher OR 2 years of high school algebra with a grade of C or higher OR appropriate placement.Semester Hours 4Illinois Articulation Initiative IAI P1 900LLectureLab Hours 3 lec2 labweek

Footnotes

- * A student selecting the welding emphasis will take both WLD 102 and 103 (one in the major field and the other in the welding emphasis area)
- ** Nine or ten elective credits must be taken from a single emphasis (Welding, HVAC, Machining/CNC, Electrical or Ag Mechanics).

NURSE ASSISTANT

Certificate
Nurse Assistant (E93)

This curriculum meets the mandates of the Illinois Department of Public Health to be eligible to take the competency exam for nurse aide and home health aide. The curriculum is conducted over an eight or sixteen week period and consists of classroom and clinical learning activities. The program prepares a student to assist with the care of the sick and the infirm under the supervision of registered nurses or other licensed professionals.

Work and Employment

Nursing assistants work directly with the patient giving physical care and emotional support. The nursing assistant helps patients with personal hygiene, nutrition, elimination and mobility. Nursing assistants work for nursing homes, hospitals, temporary help agencies and home care agencies. Advancement in the health care field for nursing assistants is possible with further education.

Special Considerations

In order to become a certified nursing assistant, one must complete a state-approved program like the one at SVCC and pass the Nurse Assistant Competency Evaluation.

Enrollment Criteria

1. Candidate must be at least 16 years of age.
2. Candidates who do not have a high school diploma or GED must be able to read at grade level 8 or have permission of instructor.
3. Upon enrollment to the program, the student will need to meet health and immunization requirements. These requirements are detailed at the first class session.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Health Career Education Advisor, 815-835-6354
- Pamela A. Eubanks, MSN, RN, Dean of Health Professions 815-835-6376

Total Hours Required - 8 Hours

Major Field Requirements

Course #	Course Title	Hours
NRS101	Basic Nursing Assistant	4 Hours

An introduction of theory and practice necessary to meet the patients needs within the scope of the beginning nursing assistant. Topics will include basic information about body structure and function and related terminology growth and development with emphasis on aging and the role and responsibilities of the nursing assistant to help the client with personal hygiene and mobility within a safe environment. The course includes clinical experience in a subacute health care setting. The student will provide care to individuals who need assistance with the activities of daily living. Prerequisite Meet admission criteria of 1. Candidate must be at least 16 years of age2. Candidates who do not have a high school diploma or GED must be able to read at grade level 8. Students will be asked to take a reading and math assessment at orientation with results given the first day of class.3. Candidates meet health and immunization requirements that are detailed at the orientation session.4. Forms for fingerprint approval will be coordinated with the Health Professions office upon receipt of your orientation admission letter. Criminal background checks are required prior to the first day of class for all sections except dual credit.Semester Hours 4LectureLab Hours 3 lec2 labweek

NRS103	Basic Nursing Assistant II	4 Hours

This course will focus on advanced nursing assistant skills. Topics will include the role and responsibilities of the nursing assistant in relation to measuring vital signs assisting the patient with nutrition fluid balance and elimination special procedures such as the application of heat and cold therapies admission discharge and postmortem care. Students will care for patients with common medical surgical conditions Alzheimers disease and related dementias. This course includes clinical experience in a subacute health care setting.Prerequisite NRS 101 Semester Hours 4LectureLab Hours 3 lec2 labweek

Program Requirements

- Criminal background checks are required before transition into the clinical component of the course. "C" grade is required in major field requirements.
- CNA certification is a requirement for admission to the ADN and LPN programs.

NURSING

Associate in Arts Degree with a Concentration in Nursing (625)

The concentration in Nursing prepares students to transfer to four-year universities to pursue a bachelor's degree in Nursing

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. MAT 240, CHE 103 or 105, BIO 111, PED 115, ENG 103, COM 131, PSY 200, and SOC 111 are recommended for those intending to continue their education toward a baccalaureate degree in nursing. Refer to your transfer institution for specific requirements.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

1. Active CNA certificate on file with the IDPH with verification of work history. A Licensed Practical Nurse who wishes to expand their role in the nursing field can earn an Associate Degree in Nursing through an advanced placement process. The LPN must complete the general education prerequisites comparable to the Traditional ADN student.
2. Nursing program admission is provisional until all criminal background processes are completed.
3. Nursing program admission is provisional until all criminal background processes are completed. Gen. Ed. Requirements # First Year Experience # Communication (ENG 101 req) # Social Science (PSY 103 req) # Humanities (PHL 101, 102,103 OR 104 req) # Natural Science (BIO 109 and 110 req)
4. A Master of Science in Nursing is required for Academics and Nurse Practitioners.
5. The NRS courses are organized to be completed in a two-year sequence. However, provisions are made for those students who need to distribute the general education courses over a longer period of time. Major Field Requirements # NRS 140 Fundamentals of Nursing # NRS 143 Pharmacology for Nursing I # NRS 144 Pharmacology for Nursing II # NRS 142 Med/Surg Nursing # NRS 243 Advanced Med/Surg Nursing # NRS 245 Reproductive Health # NRS 244 Pediatric Nursing # NRS 246 Psychiatric/Mental Health # NRS 247 Concepts for Nursing Practice

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Pamela A. Eubanks, MSN, RN, Dean of Health Professions 815-835-6376

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 14 Hours

Course #	Course Title	Hours
CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PED115	Nutrition and Diet Therapy	3 Hours

This course is designed to provide knowledge about the basic principles of nutrition nutrition in health promotion and nutrition in health care. The topics of this course include essential nutrients their sources absorption metabolisms and functions nutrition across the life span and an introduction to clinical nutrition. Credit will not be awarded for both PED 115 and NRS 132. NOTE All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

Third Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Electives	3 Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Fourth Semester - 17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	Electives	6 Hours
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

BIO111	Introductory Microbiology	4 Hours

A study of the chemistry structure metabolism growth genetics ecology and disease causing abilities of microorganisms. Intensive laboratory exercises will stress aseptic technique culturing isolation and microorganism identification using a wide variety of diagnostic procedures. Prerequisite BIO 105 with a grade of C or higher or BIO 108 with a grade of C or higher or BIO 109 with a grade of C or permission of instructor. Semester hours 4LectureLab Hours 3 lec3 labweek

NURSING (ADN)

Nursing (ADN)
Associate in Applied Science (052)

This program prepares graduates to function with the knowledge, skill, and attitudes needed to adapt quickly within the ever-changing healthcare environment for entry-level nursing practice in a variety of healthcare settings. This program is approved by the Illinois Department of Financial and Professional Regulation.

This nursing program is recognized by the Accreditation Commission for Education in Nursing (ACEN), since 2020.

Work and Employment

Registered nurses deliver care to patients in all areas of the healthcare spectrum in collaboration with interprofessional members of the healthcare team in hospital, long-term care, or in the patient's home environment. Nurses also provide services in community facilities such as health departments, industry, schools, and clinics. Promotion of health and general well-being is provided by the registered nurse in all settings. With experience and education, nurses may work in specialized areas such as obstetrics, pediatrics, emergency, or intensive care units. Nurses may obtain bachelor's degrees and advanced degrees such as master's or doctorate degrees.

TEAS Testing-Requirement for All Nursing Applicants

- All new applicants to the nursing program must take the ATI TEAS test. Reapplicants can opt to retake the ATI TEAS test.
- TEAS testing must be completed prior to the application deadline date
- Testing will include areas of Reading, English, Mathematics, and Science
- Applicants may not test any more than once per semester. Retesting allowed in subsequent semesters. Test may be repeated three times.
- TEAS testing applicable for admission MUST be completed at SVCC or additional charges for official ATI transcripts are incurred
- **You must set up an ATI account with a username and password**
  - Go to www.atitesting.com

- Contact the Academic Advising office at 815-835-6354 to submit a request to the Testing Center to schedule the TEAS test.
  - **Fee will be paid to ATI per credit card at the time of testing**
- **BRING THE FOLLOWING TO THE TESTING SESSION:**
  - **ATI user name, password, and ID number**
  - **Photo ID**
  - **Credit card for payment to ATI**
- Study guides are available in the SVCC Library or may be purchased online at http://www.atitesting.com For free practice tests, please visit http://www.testprepreview.com/teas_practice.html
- TEAS score valid for 3 years

TEAS score will determine placement in the ADN application pool as detailed in the Nursing Admission Handbook (obtained at the required nursing informational meeting).

Special Considerations

In order to become licensed as a registered nurse, one must complete a state-approved program like Sauk Valley's and pass the National Council Licensure Examination (NCLEX) for Registered Nurses (RN).

Admission Requirements

Satisfy all of the following academic criteria:

1. Active CNA certificate on file with IDPH with verification of work history or documentation of successful completion of VOC 121 within the last 2 years. CNA work history verification can be documented via tax records, payment stub, IDPH registry (if clinical updates are present), or a letter from the employer. Verification of passage of the certification exam is required; admission will be provisional until successful passage of exam.

2. Cumulative Grade Point Average of 2.5 or above.

3. ENGLISH LANGUAGE ARTS (Note: only one of the following criteria must be met. Applicants are encouraged to complete higher-level English courses without risk to admission being earned. (This category does not provide points for admission.)

- SVCC Placement Test/ACT/SAT Writing Score validating minimum ENG 101 placement
- Completed ELA 099 or higher with a grade of "C" or better

4. MATH (Note: only one of the following must be met. The highest level point standard achieved will be utilized. Applicants are encouraged to complete higher level math courses without risk to points earned.)

- HS Algebra 2 or MATH 3 with a "C" or better (**completed within five (5) years prior to program application)**
- Satisfactory completion of MAT 078, MAT 081, or a higher level math course with a grade of "C" or better at SVCC. (note: MAT 106 is not a higher level math course
- Grade of "C" or better in an equivalent course at another college/university
- Placed into entry-level transferable college-level math, (MAT 110/115; 121/240 or higher utilizing an accepted valid placement measure).

5. CHEMISTRY (Note: only one of the following must be met. The highest level point standard achieved will be utilized).

- Grade of "C" or better for two semesters (1 year) of high school chemistry (**within the last 5 years of when the chemistry was taken**.)
- Grade of "C" or better in CHE 103, CHE 102, or higher at SVCC
- Grade of "C" or better in an equivalent course at another college/university

6. BIOLOGY (Note: only one of the following must be met. The highest level point standard achieved will be utilized.)

- Grade of "C" or better for four semesters of high school biology (**within the last 5 years of when the biology was taken**.)
- Grade of "C" or better in BIO 105 or BIO 108 at SVCC. BIO 105 qualifies for higher points
- Grade of "C" or better in an equivalent course at another college/university
- Grade of "C" or better in BIO 109 or BIO 110 (utilization of BIO 109 or 110 for application will negate bonus points for course

High school coursework used to fulfill requirements must be completed within 5 years of application to the program. This means the last course completed not the graduation date.

The biology department requires a student who has not had a high school biology course within 5 years with a grade of "C" or better, to complete BIO 105 or BIO 108 prior to registering for BIO 109 and BIO 110. Also, those candidates who did not complete high school chemistry with a grade of "C" or better within the last 5 years must complete CHE 102 or 103 prior to registering for BIO 109. It is highly recommended that associate degree nursing applicants complete high school algebra, biology, and chemistry.

NOTE: Students completing pre-admissions or general education coursework at institutions other than SVCC should check with the SVCC registrar's office prior to enrolling or paying for outside classes for appropriate transferability.

Admission Procedure

1. Complete the college's general admission procedure.
2. Attend a nursing information meeting.
3. Meet with the Health Career Education Advisor in the semester of intended application prior to the admissions deadline and develop an academic progression plan.
4. File a current Nursing program application form with the Dean of Health Professions.
5. Submit two letters of recommendation to the Dean of Health Professions.

Further admission information is available in the Admission Handbook.

Application Deadlines

The admission requirements and the admission procedure must be completed by March 1 of the year the applicant wishes to be admitted. If the class is not filled, candidates must meet the second candidate evaluation deadline of June 1.

Out-of-District Application

Sauk Valley Community College is required by the Illinois Community College Act (110 ILCS 805/3-17) to give preference to in-district resident candidates. Out-of-district applicants will be considered if space is available after June 1 of the year of application to enter the program. Out-of-district applicants to the program coming from colleges with cooperative agreements will be given the same consideration (March 1 deadline) as in-district applicants.

Program Requirements

A grade of "C" is the minimum passing grade for all major field requirements, communication, social science, humanities, and natural science courses. Successful completion of a nursing course requires a "C" in the classroom, satisfactory clinical performance and "Pass" on clinical competency or skills-based performance measures. A student who is unsatisfactory in any one of these areas will receive a failing grade for the course. If an NRS course is failed, it may be repeated once. No more than one NRS course may be repeated.

The NRS courses are organized to be completed in a two-year sequence. However, provisions are made for those who need to distribute the general education courses over a longer period of time. See Option I and Option II.

Other

NOTE: Students completing pre-admissions or general education coursework at institutions other than SVCC should check with the SVCC registrar's office prior to enrolling or paying for outside classes for appropriate transferability.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Pamela A. Eubanks, MSN, RN, Dean of Health Professions, 815-835-6376

Total Hours Required - 64 Hours

Major Field Requirements - 46 Hours

Course #	Course Title	Hours
NRS140	Fund. of Nursing Practice	10 Hours

This course is designed to introduce the beginning student to the profession of nursing in the long term care and acute care settings. Safe and effective care will be emphasized. Students will be expected to manage hygiene related needs safety and nutritional provision of oral fluids and foods. Concepts related to assessment culture values ethics legal aspects and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration and safe maintenance of an IV infusion will be introduced. Alterations in bowel and urinary elimination oxygenation rest and sleep will be discussed. The concepts necessary to support a patients psychosocial integrity including pain teaching and learning death and dying and spirituality will be addressed. Knowledge skills and attitudes needed to perform basic nursing skills competently will be applied to the care of the aged and adult patients with medicalsurgical conditions in the classroom lab and clinical setting. The nursing process will be introduced and integrated throughout the course.Prerequisite Admission to ADN program. BIO 109 with a grade of C or better or concurrent enrollment. Semester Hours 10LectureLab Hours 5.5 lec9 lab

NRS142	Medical Surgical Nursing I	9 Hours

The fundamental principles previously learned are applied to the management of the perioperative patient management of patients with problems of the endocrine nervous skin and immune systems. Other concepts include intravenous therapy fluid electrolytes shock community health nursing emergency care bioterrorism and the concepts of management for safe and effective care. The lab and clinical components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.Prerequisite NRS 140 Fundamentals of Nursing Practice or current LPN licensure. NRS 143 with a grade of C or better BIO 110 with a grade of C or better or concurrent enrollment or consent of instructor.Semester Hours 9LectureLab Hours 5 lec8 lab

- OR -

	NRS Elective	3 Hours

- AND -

NRS152	Med Surg Nursing I, Modified	6 Hours

The fundamental principles previously learned are applied to the management of the perioperative patient management of patients with problems of the endocrine nervous skin and immune systems. Other concepts include intravenous therapy fluid electrolytes shock community health nursing emergency care bioterrorism and the concepts of management for safe and effective care. The lab components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.Prerequisite Completion of LPN program from an accredited school and current LPN licensure and consent of instructor. Completion of NRS 143 NRS 144 BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 6LectureLab Hours 5 lec2 lab

NRS143	Pharm for Nursing I	1 Hour

This course is designed to provide nursing students an introduction to the concepts of pharmacology safe pharmacotherapy and drug administration gas exchange comfort infection circulation and eliminationabsorption. The course emphasizes the adult health care recipient 18-85 yearsPrerequisite Admission to the ADN program or current LPN licensure. BIO 108 or 109 with a grade of C or better or concurrent enrollment or consent of instructor.Semester Hours 1LectureLab Hours 1 lec

NRS144	Pharm for Nursing II	1 Hour

This course builds on Pharmacology for Nursing I to provide nursing students a continued introduction to the concepts of pharmacology safe pharmacotherapy and drug administration as related to homeostasis the central and peripheral nervous systems metabolism psychobiological disorders sensory disorders cellular regulation immunity and infection. The course emphasizes the adult health care recipient 18-85 years.Prerequisite NRS 140 or current LPN licensure. NRS 143 with grade of C or better or consent of instructor. BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 1LectureLab Hours 1 lec

NRS243	Adv Medical Surgical Nursing	9 Hours

Requires students to apply knowledge skills and attitudes for or towards the care of adult patients in a simulated laboratory and acute care environments. Complex multisystem disruptions and the subsequent nursing needs for patient care will be experienced. Focus will be on patients with related cardiovascular peripheral vascular respiratory gastrointestinal musculoskeletal hematologic renal shock and acidbase imbalances. Students will apply the nursing process and utilize information literacy skills to achieve deliberative and competent decision-making that is grounded in evidence based practice to achieve best practice outcomes. Emphasis will be placed on prioritization of care through collaboration with other members of the health care team patients and their families.Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 9LectureLab Hours 5 lec.8 lab

NRS244	Pediatric Nursing	2.5 Hours

This course explores the physiological alterations of clients with acute and chronic health care needs. Building on the foundations of previous nursing courses and the nursing process students will examine the impact of and plan nursing care for pediatric clients experiencing acute andor chronic alterations. Utilizing the nursing process and nursing management psychosocial and physiological adaptations will be examined in the context of social justice cultural competence and equity of health care. Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 2.5LectureLab Hours 2 lec1 lab

NRS245	Reproductive Health	3.5 Hours

This course introduces and examines past present and future trends involving male and female reproductive health from puberty through menopause. Nursing discussions will emphasize and expand student knowledge regarding pregnancy labor and delivery postpartum and newborn antepartum intrapartum postpartum and newborn care for normal and complicated care situations. Lifestyle choices and the effects on an individuals health will be discussed as well as family dynamics abuse and reproductive illnesses diseasesissues. The clinical component will help reinforce knowledge and skills needed in maternal and infant areas concerning assessments planning decision making abilities and critical thinking. Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 3.5LectureLab Hours 2 lec3 lab

NRS246	Psych/Mental Health Nursing	4 Hours

The course focuses on the concepts related to nurse management of patients with mental illness. Emphasis is placed on the knowledge skills and attitudes such as therapeutic nurse-patient relationship which are essential to the care of persons with mental health problems. The lab and clinical component provides experience in utilizing the nursing process to meet the needs of patients with varying degrees of illness behavior in the acute chronic and outpatient settings.Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 4LectureLab Hours 2.5 lec3 lab

NRS247	Concepts for Nursing Practice	6 Hours

This concept-based learning experience will equip students to enter the workforce as well-prepared novice nurses. The course emphasizes the adult health care recipient 18-85 years health and illness professional nursing concepts and transition into practice. Prerequisite NRS 243 Advanced Medical Surgical Nursing with a grade of C or better. Semester Hours 6LectureLab Hours 3 lec6 lab

General Education Requirements - 17 Hours

Course #	Course Title	Hours
ENG101	Communications	3 Hours
PSY103	Social / Behavioral Science	3 Hours
	Humanities (PHL101, 102, 103 or 104 Required)	3 Hours
	Physical / Life Sciences (BIO109 and 110 Required)	8 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program (Option I)

Pre-Admission - 7 Hours

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PHL101	Intro to Logic/Formal Reason	3 Hours

A study of the principles of correct reasoning. Attention will be given to such topics as the logical use of language types of definition mathematical logic and methods of science. Emphasis is placed on understanding logical theory and on using techniques of valid reasoning. Although modern symbolic

logic may be included in the content the course will focus on a humanistic approach to logic rather than a mathematical one. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 906LectureLab Hours 3 lecweek

- OR -

PHL102	Introduction to Philosophy	3 Hours

Students will read reflect on and discuss fundamental philosophical questions about topics such as truth knowledge personal identity free will moral values aesthetic values and religious beliefs. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 900LectureLab Hours 3 lecweek

- OR -

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

- OR -

PHL104	World Religions	3 Hours

A comparative study of some of the leading ideas and practices of the worlds major religions including Confucianism Taoism Hinduism Buddhism Judaism Christianity and Islam. Attention will be given also to the primitive roots of civilized religion and to the cultural context in which the various conceptions developed. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H5 904NLectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

First Semester - 15 Hours

Course #	Course Title	Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

NRS140	Fund. of Nursing Practice	10 Hours

This course is designed to introduce the beginning student to the profession of nursing in the long term care and acute care settings. Safe and effective care will be emphasized. Students will be expected to manage hygiene related needs safety and nutritional provision of oral fluids and foods. Concepts related to assessment culture values ethics legal aspects and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration and safe maintenance of an IV infusion will be introduced. Alterations in bowel and urinary elimination oxygenation rest and sleep will be discussed. The concepts necessary to support a patients psychosocial integrity including pain teaching and learning death and dying and spirituality will be addressed. Knowledge skills and attitudes needed to perform basic nursing skills competently will be applied to the care of the aged and adult patients with medicalsurgical conditions in the classroom lab and clinical setting. The nursing process will be introduced and integrated throughout the course.Prerequisite Admission to ADN program. BIO 109 with a grade of C or better or concurrent enrollment. Semester Hours 10LectureLab Hours 5.5 lec9 lab

NRS143	Pharm for Nursing I	1 Hour

This course is designed to provide nursing students an introduction to the concepts of pharmacology safe pharmacotherapy and drug administration gas exchange comfort infection circulation and eliminationabsorption. The course emphasizes the adult health care recipient 18-85 yearsPrerequisite Admission to the ADN program or current LPN licensure. BIO 108 or 109 with a grade of C or better or concurrent enrollment or consent of instructor.Semester Hours 1LectureLab Hours 1 lec

Second Semester - 14 Hours

Course #	Course Title	Hours
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

NRS142	Medical Surgical Nursing I	9 Hours

The fundamental principles previously learned are applied to the management of the perioperative patient management of patients with problems of the endocrine nervous skin and immune systems. Other concepts include intravenous therapy fluid electrolytes shock community health nursing emergency care bioterrorism and the concepts of management for safe and effective care. The lab and clinical components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.Prerequisite NRS 140 Fundamentals of Nursing Practice or current LPN licensure. NRS 143 with a grade of C or better BIO 110 with a grade of C or better or concurrent enrollment or consent of instructor.Semester Hours 9LectureLab Hours 5 lec8 lab

- OR -

NRS152	Med Surg Nursing I, Modified	6 Hours

The fundamental principles previously learned are applied to the management of the perioperative patient management of patients with problems of the endocrine nervous skin and immune systems. Other concepts include intravenous therapy fluid electrolytes shock community health nursing emergency care bioterrorism and the concepts of management for safe and effective care. The lab components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.Prerequisite Completion of LPN program from an accredited school and current LPN licensure and consent of instructor. Completion of NRS 143 NRS 144 BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 6LectureLab Hours 5 lec2 lab

- AND -

	NRS Elective	3 Hours
NRS144	Pharm for Nursing II	1 Hour

This course builds on Pharmacology for Nursing I to provide nursing students a continued introduction to the concepts of pharmacology safe pharmacotherapy and drug administration as related to homeostasis the central and peripheral nervous systems metabolism psychobiological disorders sensory disorders cellular regulation immunity and infection. The course emphasizes the adult health care recipient 18-85 years.Prerequisite NRS 140 or current LPN licensure. NRS 143 with grade of C or better or consent of instructor. BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 1LectureLab Hours 1 lec

Third Semester - 15.5 Hours

Course #	Course Title	Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

NRS243	Adv Medical Surgical Nursing	9 Hours

Requires students to apply knowledge skills and attitudes for or towards the care of adult patients in a simulated laboratory and acute care environments. Complex multisystem disruptions and the subsequent nursing needs for patient care will be experienced. Focus will be on patients with related cardiovascular peripheral vascular respiratory gastrointestinal musculoskeletal hematologic renal shock and acidbase imbalances. Students will apply the nursing process and utilize information literacy skills to achieve deliberative and competent decision-making that is grounded in evidence based practice to achieve best practice outcomes. Emphasis will be placed on prioritization of care through collaboration with other members of the health care team patients and their families.Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 9LectureLab Hours 5 lec.8 lab

NRS245	Reproductive Health	3.5 Hours

This course introduces and examines past present and future trends involving male and female reproductive health from puberty through menopause. Nursing discussions will emphasize and expand student knowledge regarding pregnancy labor and delivery postpartum and newborn antepartum intrapartum postpartum and newborn care for normal and complicated care situations. Lifestyle choices and the effects on an individuals health will be discussed as well as family dynamics abuse and reproductive illnesses diseasesissues. The clinical component will help reinforce knowledge and skills needed in maternal and infant areas concerning assessments planning decision making abilities and critical thinking. Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 3.5LectureLab Hours 2 lec3 lab

Fourth Semester - 12.5 Hours

Course #	Course Title	Hours
NRS244	Pediatric Nursing	2.5 Hours

This course explores the physiological alterations of clients with acute and chronic health care needs. Building on the foundations of previous nursing courses and the nursing process students will examine the impact of and plan nursing care for pediatric clients experiencing acute andor chronic alterations. Utilizing the nursing process and nursing management psychosocial and physiological adaptations will be examined in the context of social justice cultural competence and equity of health care. Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 2.5LectureLab Hours 2 lec1 lab

NRS246	Psych/Mental Health Nursing	4 Hours

The course focuses on the concepts related to nurse management of patients with mental illness. Emphasis is placed on the knowledge skills and attitudes such as therapeutic nurse-patient relationship which are essential to the care of persons with mental health problems. The lab and clinical component provides experience in utilizing the nursing process to meet the needs of patients with varying degrees of illness behavior in the acute chronic and outpatient settings.Prerequisite NRS 142 or NRS 152 and NRS 143 NRS 144 and BIO 110 with a C or better.Semester Hours 4LectureLab Hours 2.5 lec3 lab

NRS247	Concepts for Nursing Practice	6 Hours

This concept-based learning experience will equip students to enter the workforce as well-prepared novice nurses. The course emphasizes the adult health care recipient 18-85 years health and illness professional nursing concepts and transition into practice. Prerequisite NRS 243 Advanced Medical Surgical Nursing with a grade of C or better. Semester Hours 6LectureLab Hours 3 lec6 lab

Suggested Program (Option II)

Successfully complete the following courses prior to start of the nursing sequence :

Course #	Course Title	Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PHL101	Intro to Logic/Formal Reason	3 Hours

A study of the principles of correct reasoning. Attention will be given to such topics as the logical use of language types of definition mathematical logic and methods of science. Emphasis is placed on understanding logical theory and on using techniques of valid reasoning. Although modern symbolic logic may be included in the content the course will focus on a humanistic approach to logic rather than a mathematical one. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 906LectureLab Hours 3 lecweek

- OR -

PHL102	Introduction to Philosophy	3 Hours

Students will read reflect on and discuss fundamental philosophical questions about topics such as truth knowledge personal identity free will moral values aesthetic values and religious beliefs. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 900LectureLab Hours 3 lecweek

- OR -

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

- OR -

PHL104	World Religions	3 Hours

A comparative study of some of the leading ideas and practices of the worlds major religions including Confucianism Taoism Hinduism Buddhism Judaism Christianity and Islam. Attention will be given also to the primitive roots of civilized religion and to the cultural context in which the various conceptions developed. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H5 904NLectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Begin NRS course sequence upon acceptance into the Nursing program. The sequence of NRS courses is the same as Option I.

Footnotes

- * MAT 240, CHE 103 or CHE 105, BIO 111, PED 115, ENG 103, COM 131, SOC 111 and PSY 200 are recommended for those intending to continue their education toward a baccalaureate degree. Refer to your transfer institution for specific requirements.

NURSING, ADVANCED PLACEMENT

Nursing, Advanced Placement - Associate in Applied Science (052ap)

A licensed practical nurse (LPN) who wishes to expand their role in the nursing field can earn an associate degree in nursing through an advanced placement process. This process permits the LPN to receive credit in escrow for certain ADN/NRS courses. Qualified applicants must have graduated from an accredited nursing school and are currently licensed to practice as an LPN. In addition, the LPN must complete the general education prerequisites comparable to the traditional ADN student.

The path for advanced placement begins **only** in the fall semester after application and acceptance into the program.

NOTE: Students completing pre-admissions or general education coursework at institutions other than SVCC should check with the SVCC registrar's office prior to enrolling or paying for outside classes for appropriate transferability.

The student must declare their desire to proceed as full - or part-time on the AP application. All general courses need to be completed prior to entering the second year of the ADN program. Sequencing for full-time and part-time ADN students is as follows:

Semester	Fall	Spring	Fall	Spring
Full-time second-year ADN sequence	**NRS 245** OB (8-weeks) **NRS 243** Med Surg (16-weeks)	**NRS 244** PEDS (8-weeks) **NRS 246** Mental Health (8-weeks) **NRS 247** Transition into Practice (16-weeks)		
	12.5 Credits	12.5 Credits		
Part-time second and third year ADN sequence	**NRS 245** OB (8-weeks)	**NRS 244** PEDS (8-weeks) **NRS 246** Mental Health (8-weeks)	**NRS 243** Med Surg (16-weeks)	**NRS 247** Transition into Practice (16-weeks)
	3.5 Credits	6.5 Credits	9 Credits	6 Credits

This nursing program is recognized by the Accreditation Commission for Education in Nursing (ACEN), since 2020.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Pamela A. Eubanks, MSN, RN. Dean of Health Professions, 815-835-6376

Advanced Placement Path:

1. Complete the College's general admission procedure.
2. Submit a transcript from a school of practical nursing (and copy of valid license).
3. Complete Math requirement within five years prior to program application.
4. Complete the following courses with a grade of "C" or above:

Course List

Course #	Course Title	Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

CHE102	Introduction to Chemistry	3 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations acids bases salts and organic compounds. Depth of coverage is designed to meet the needs for the general education physical science requirements Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI P1 902LectureLab Hours 3 lecweek

- OR -

CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

- OR -

	One (1) Year of HS Chemistry with a grade of 'C' or higher within the last five (5) years	
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT078	Prep. Math for Non-STEM Majors	4 Hours

This course is to prepare students for college-level liberal arts math technical math or general statistics courses through content that is relevant for non-STEM majors. Topics in this course incorporate real-life applications while teaching prealgebra numerical algebraic geometric and measurement concepts along with an introduction to probability and statistics. Prerequisite An appropriate placement score.Semester hours 4LectureLab Hours 3 lec2 labweek

- OR -

MAT081		Hour

- OR -

	MAT Placement at College level (MAT115 / 240): using an Approved, Valid Placement Option	

- OR Higher (MAT240 Recomended for BSN Completion) -

NRS143	Pharm for Nursing I	1 Hour

This course is designed to provide nursing students an introduction to the concepts of pharmacology safe pharmacotherapy and drug administration gas exchange comfort infection circulation and eliminationabsorption. The course emphasizes the adult health care recipient 18-85 yearsPrerequisite Admission to the ADN program or current LPN licensure. BIO 108 or 109 with a grade of C or better or concurrent enrollment or consent of instructor.Semester Hours 1LectureLab Hours 1 lec

NRS144	Pharm for Nursing II	1 Hour

This course builds on Pharmacology for Nursing I to provide nursing students a continued introduction to the concepts of pharmacology safe pharmacotherapy and drug administration as related to homeostasis the central and peripheral nervous systems metabolism psychobiological disorders sensory disorders cellular regulation immunity and infection. The course emphasizes the adult health care recipient 18-85 years.Prerequisite NRS 140 or current LPN licensure. NRS 143 with grade of C or better or consent of instructor. BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 1LectureLab Hours 1 lec

NRS152	Med Surg Nursing I, Modified	6 Hours

The fundamental principles previously learned are applied to the management of the perioperative patient management of patients with problems of the endocrine nervous skin and immune systems. Other concepts include intravenous therapy fluid electrolytes shock community health nursing emergency care bioterrorism and the concepts of management for safe and effective care. The lab components provide experience in meeting the needs of the aged patient and adult patient with medical and surgical problems.Prerequisite Completion of LPN program from an accredited school and current LPN licensure and consent of instructor. Completion of NRS 143 NRS 144 BIO 110 with a grade of C or better or concurrent enrollment.Semester Hours 6LectureLab Hours 5 lec2 lab

PHL101	Intro to Logic/Formal Reason	3 Hours

A study of the principles of correct reasoning. Attention will be given to such topics as the logical use of language types of definition mathematical logic and methods of science. Emphasis is placed on understanding logical theory and on using techniques of valid reasoning. Although modern symbolic logic may be included in the content the course will focus on a humanistic approach to logic rather than a mathematical one. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 906LectureLab Hours 3 lecweek

- OR -

PHL102	Introduction to Philosophy	3 Hours

Students will read reflect on and discuss fundamental philosophical questions about topics such as truth knowledge personal identity free will moral values aesthetic values and religious beliefs. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 900LectureLab Hours 3 lecweek

- OR -

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

- OR -

PHL104	World Religions	3 Hours

A comparative study of some of the leading ideas and practices of the worlds major religions including Confucianism Taoism Hinduism Buddhism Judaism Christianity and Islam. Attention will be given also to the primitive roots of civilized religion and to the cultural context in which the various conceptions developed. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H5 904NLectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

1. Skill Level Assessment
   The applicant must complete second semester nursing skills assessments as outlined in the Nursing Skills Booklet.
2. Credits in escrow.
   The applicant will receive a total of 13 hours credits: Ten (10) hours for the ADN first semester NRS 140 course; and three (3) NRS elective credits upon admission to the advanced placement program.

Note:

All requirements must be completed by the end of the Spring or Summer semester of the year before the applicant wishes to apply to the program.

NURSING: PRACTICAL

Certificate
Nursing: Practical (E91)

This program is designed to prepare the graduate to function with the knowledge, skills and attitudes needed for the role of the beginning practical nurse to provide care in a variety of health care settings. The program is approved by the Illinois Department of Financial and Professional Regulation.

This nursing program is recognized by the Accreditation Commission for Education in Nursing (ACEN), since 2020.

Work and Employment

Licensed practical nurses assist in patient care with other interprofessional members under the direction of registered nurses, physicians, dentists or podiatrists. They perform procedures and treatments such as measuring vital signs, applying dressings and administering medications. LPNs work for nursing homes, clinics, and other health care facilities where patients with chronic conditions receive care. Advancement in health care education is generally required for acute care and the specialized areas of nursing practice.

Special Considerations

In order to become licensed as a practical nurse, a person must complete a state-approved program like SVCC's and pass the National Council Licensure Examination (NCLEX) for practical nurses (PN).

Admission Requirements

Satisfy all of the following academic criteria:

1. Active CNA certificate on file with IDPH with verification of work history or documentation of successful completion of VOC 121 within the last 2 years. CNA work history verification can be documented via: tax records, payment stub, IDPH registry (if clinical updates are present) or a letter from the employer.
2. Cumulative Grade Point Average of 2.5 or above.
3. **ENGLISH LANGUAGE ARTS**(Note: only one of the following must be met. The most recent score or grade will be utilized.)
   - SVCC placement test, SAT, or ACT writing score validating minimum ENG 101 placement.
   - Completed ELA 099 or higher with a grade of "C" or better.
4. **MATH**(Note: only one of the following must be met. Applicants are encouraged to complete higher level math courses without risk to points earned. The highest level points achieved within the passing standard of a "C" or better will be used)
   - Placed into intermediate algebra (MAT 080, 081) or higher using placement, SAT, or ACT score
   - Completed beginning algebra (MAT 074 or 075), Preparatory Math for Non-STEM Majors (MAT 078), or higher level with grade "C" or better OR Preparatory Math for Non Stem Majors (MAT 078), or higher level with grade "C" or better
   - Completed an equivalent course at another college or university with a grade of "C" or higher
   - One year of high school algebra or Math 1 **completed within five (5) years prior to program application**

Admission Procedure

Further admission information is available in the Nursing Admission Handbook (obtained at the required nursing informational meeting).

- Complete the College's general admission procedure.
- Attend a nursing information meeting.
- Meet with the health career education Advisor in the semester of intended application prior to the admissions deadline and develop an academic progression plan.
- File a current nursing application form with the Dean of Health Professions.
- Submit two letters of recommendation to the Dean of Health Professions.

TEAS Testing-Requirement for All Nursing Applicants

- All new applicants to the nursing program must take the ATI TEAS test. Reapplicants can opt to retake the ATI TEAS test.
- TEAS testing must be completed prior to the application deadline date.
- Testing will include areas of Reading, English, Mathematics and Science.
- Applicants may not test any more than once per semester. Retesting allowed in subsequent semesters. Test may be repeated three times.
- TEAS testing applicable for admission MUST be completed at SVCC or additional charges for official ATI transcripts are incurred.
- **You must set up an ATI account with a user name and password.**
  - **Go to www.atitesting.com**
- Contact the Academic Advising office at 815-835-6354 to submit a request to the Testing Center to schedule the TEAS test.
  - **Fee will be paid to ATI per credit card at the time of testing.**
- **BRING THE FOLLOWING TO THE TESTING SESSION:**
  - **ATI user name, password and ID number**
  - **Photo ID**
  - **Credit card for payment to ATI**
- Study guides are available in the SVCC Library or may be purchased online at www.atitesting.com. For free practice tests, please visit www.testprepreview.com/teas_practice.html.
- TEAS score valid for 3 years.

Points will be awarded according to your score as detailed in the Nursing Admission Handbook.

Application Deadlines

The admission requirements and the admission procedure must be completed by March 1 of the year the applicant wishes to be admitted. If the class is not filled, candidates must meet the second candidate evaluation deadline of June 1.

Out-of-District Application

Sauk Valley Community College is required by the Illinois Community College Act (110 ILCS 805/3-17) to give preference to in-district resident candidates. Out-of-district applicants will be considered if space is available after June 1 of the year of application to enter the program. Out-of-district applicants to the program coming from colleges with cooperative agreements will be given the same consideration (March 1 deadline) as in-district applicants.

Program Requirements

A grade of "C" is the minimum passing grade for all major field requirements, social science, and natural science. Successful completion of a nursing course requires a "C" in the classroom, satisfactory clinical performance and on skills testing. A student who is unsatisfactory in any one of those areas will receive a failing grade for the course. If an NRS course is failed, it may be repeated once. No more than one NRS course may be repeated.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Health Career Education Advisor, 815-835-6354
- Pamela A. Eubanks, MSN, RN, Dean of Health Professions, 815-835-6376

Total Hours Required - 43 Hours

Major Field Requirements - 36 Hours

Course #	Course Title	Hours
NRS108	Practical Nursing Fundamentals	13 Hours

This course is designed to introduce the beginning practical nursing student to the profession of nursing with particular focus in the long term care setting. Safe and effective care principles will be applied. The students will be expected to manage hygiene related needs basic safety and nutritional provision of oral fluids and foods. Concepts related to assessment culture values and ethics legal aspects and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration will be introduced. Alterations in bowel and urinary elimination oxygenation rest and sleep will be discussed. The concepts of pain teaching and learning death and dying and spirituality will be addressed. The nursing process will be introduced and integrated throughout the course. Knowledge skills and attitudes needed to perform competent nursing care will be applied to the care of the geriatricadult patients. Clinical experience will focus on the basic care of the geriatricadult resident in the long term care setting.Prerequisite Admission to the LPN program.Semester Hours 13LectureLab Hours 8 lec10 lab

NRS109	Fd. Mod Bed Nurs II/Repro Hlth	7 Hours

This course includes the knowledge skills and attitudes of nursing care related to the following maternity patient normal newborn and newborn with complications pediatric patient care of patients with sexually transmitted diseases and pathology and care related to the urinary and reproductive systems male and female. The clinicallaboratory component will help reinforce knowledge and skills needed with the birthing family hospitalized child well child care and adult patients with selected medical and surgical conditions with a patient-centered focus.Prerequisite NRS 108 with a grade of C or better. Semester Hours 7LectureLab Hours 4 lec6 lab

NRS110	Foundations Med Surg Nursing I	7 Hours

Topics will include the knowledge skills and attitudes of nursing care related to gastrointestinal musculoskeletal diabetes respiratory and cardiovascular and hematologic and lymphatic system disorders. The clinical and laboratory component provides experience in the care of the patient throughout the adult lifespan ages 18 years through old age with medical and surgical conditions with integration of the nursing process. Prerequisite NRS 108 and BIO 108 with a grade of C or better or permission of instructor. Semester Hours 7LectureLab Hours 4 lec6 lab

NRS111	Foundation MedSurg Nursing III	6 Hours

Topics will include the systems and concepts of nursing care related to actual mental health diagnoses or issues and disease states in the systems of endocrine immune nervous and integumetary. Evidence based knowledge skills and attitudes of practical nursing regarding education teamwork and employment opportunities preparation for licensure career evaluation legal responsibilities and the concept and management of patient centered care are incorporated. The clinical component will provide experience in the adult long term and skilled care nursing settings. Prerequisite NRS 109 and NRS 110 with a grade of C or better. Semester Hours 6LectureLab Hours 4 lec4 labweek

NRS113	Drug Dosage Calculations	1 Hour

A course designed to promote competency in calculating commonly encountered drug dosage problems. Conversions between metric and household systems will be covered. Concepts regarding safety in medication administration and interpreting health care provider orders will be included. Students will learn how to calculate oral parenteral IV flow rates critical care and pediatric drug dosage calculations using their calculation method of choice.Prerequisite NRS 108 - C with concurrent enrollment allowed and BIO 108 - C with concurrent enrollment allowed or BIO 109 - C no concurrency and BIO 110 - C with concurrent enrollment allowed or permission of instructor.Semester Hours 1LectureLab Hours 2 lecweek

NRS115	LPN Intravenous Therapy	2 Hours

The purpose of the Intravenous Therapy Course is to provide the appropriate knowledge skill and attitudes to perform selected tasks identified in the Illinois Nurse Practice Act related to intravenous therapy on stabilized patients under the supervision of a registered nurse physician dentist or podiatrist. Prerequisite NRS 108 with a grade of C or better or current Illinois practical nurse license andor a sponsoring agency willing to provide a registered nurse preceptor and consent of instructor or concurrent enrollment in NRS 108.Semester Hours 2LectureLab Hours 1.5 lec1 labweek

General Education Requirements - 7 Hours

Course #	Course Title	Hours
PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

BIO108	Intro to Human Anatomy/Physiol	4 Hours

A study of introductory chemistry cells tissues and structure and function of organ systems including digestive respiratory reproductive urogenital cardiovascular-lymphatic musculoskeletal nervous immune and endocrine systems. Prerequisite NoneSemester hours 4LectureLab Hours 3 lec2 labweek

Suggested Support Course

BIO 109 and 110 will meet the science requirements for the LPN program for students interested in advanced placement into the ADN program. The NRS courses are organized to be completed in a one-year sequence. However, provisions are made for those students who need to distribute the general education courses over a longer period of time. See suggested programs.

Course #	Course Title	Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

Suggested Program (Option I)
For students entering the Program in the fall semester:

First Semester - 23 Hours

Course #	Course Title	Hours
BIO108	Intro to Human Anatomy/Physiol	4 Hours

A study of introductory chemistry cells tissues and structure and function of organ systems including digestive respiratory reproductive urogenital cardiovascular-lymphatic musculoskeletal nervous immune and endocrine systems. Prerequisite NoneSemester hours 4LectureLab Hours 3 lec2 labweek

NRS108	Practical Nursing Fundamentals	13 Hours

This course is designed to introduce the beginning practical nursing student to the profession of nursing with particular focus in the long term care setting. Safe and effective care principles will be applied. The students will be expected to manage hygiene related needs basic safety and nutritional provision of oral fluids and foods. Concepts related to assessment culture values and ethics legal aspects and therapeutic interpersonal communication skills will be presented. The principles and practices of medication administration will be introduced. Alterations in bowel and urinary elimination oxygenation rest and sleep will be discussed. The concepts of pain teaching and learning death and dying and spirituality will be addressed. The nursing process will be introduced and integrated throughout the course. Knowledge skills and attitudes needed to perform competent nursing care will be applied to the care of the geriatricadult patients. Clinical experience will focus on the basic care of the geriatricadult resident in the long term care setting.Prerequisite Admission to the LPN program.Semester Hours 13LectureLab Hours 8 lec10 lab

NRS113	Drug Dosage Calculations	1 Hour

A course designed to promote competency in calculating commonly encountered drug dosage problems. Conversions between metric and household systems will be covered. Concepts regarding safety in medication administration and interpreting health care provider orders will be included. Students will learn how to calculate oral parenteral IV flow rates critical care and pediatric drug dosage calculations using their calculation method of choice.Prerequisite NRS 108 - C with concurrent enrollment allowed and BIO 108 - C with concurrent enrollment allowed or BIO 109 - C no concurrency and BIO 110 - C with concurrent enrollment allowed or permission of instructor.Semester Hours 1LectureLab Hours 2 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

NRS115	LPN Intravenous Therapy	2 Hours

The purpose of the Intravenous Therapy Course is to provide the appropriate knowledge skill and attitudes to perform selected tasks identified in the Illinois Nurse Practice Act related to intravenous therapy on stabilized patients under the supervision of a registered nurse physician dentist or podiatrist. Prerequisite NRS 108 with a grade of C or better or current Illinois practical nurse license andor a sponsoring agency willing to provide a registered nurse preceptor and consent of instructor or concurrent enrollment in NRS 108.Semester Hours 2LectureLab Hours 1.5 lec1 labweek

Second Semester - 14 Hours

Course #	Course Title	Hours
NRS109	Fd. Mod Bed Nurs II/Repro Hlth	7 Hours

This course includes the knowledge skills and attitudes of nursing care related to the following maternity patient normal newborn and newborn with complications pediatric patient care of patients with sexually transmitted diseases and pathology and care related to the urinary and reproductive systems male and female. The clinicallaboratory component will help reinforce knowledge and skills needed with the birthing family hospitalized child well child care and adult patients with selected medical and surgical conditions with a patient-centered focus.Prerequisite NRS 108 with a grade of C or better. Semester Hours 7LectureLab Hours 4 lec6 lab

NRS110	Foundations Med Surg Nursing I	7 Hours

Topics will include the knowledge skills and attitudes of nursing care related to gastrointestinal musculoskeletal diabetes respiratory and cardiovascular and hematologic and lymphatic system disorders. The clinical and laboratory component provides experience in the care of the patient throughout the adult lifespan ages 18 years through old age with medical and surgical conditions with integration of the nursing process. Prerequisite NRS 108 and BIO 108 with a grade of C or better or permission of instructor. Semester Hours 7LectureLab Hours 4 lec6 lab

Third Semester - 6 Hours

Course #	Course Title	Hours
NRS111	Foundation MedSurg Nursing III	6 Hours

Topics will include the systems and concepts of nursing care related to actual mental health diagnoses or issues and disease states in the systems of endocrine immune nervous and integumetary. Evidence based knowledge skills and attitudes of practical nursing regarding education teamwork and employment opportunities preparation for licensure career evaluation legal responsibilities and the concept and management of patient centered care are incorporated. The clinical component will provide experience in the adult long term and skilled care nursing settings. Prerequisite NRS 109 and NRS 110 with a grade of C or better. Semester Hours 6LectureLab Hours 4 lec4 labweek

Suggested Program (Option II)

Begin NRS course sequence upon acceptance into the LPN program. The sequence of the NRS courses would then be same as Option I. Successfully complete the following courses prior to beginning the NRS course sequence.

Course #	Course Title	Hours
PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

BIO108	Intro to Human Anatomy/Physiol	4 Hours

A study of introductory chemistry cells tissues and structure and function of organ systems including digestive respiratory reproductive urogenital cardiovascular-lymphatic musculoskeletal nervous immune and endocrine systems. Prerequisite NoneSemester hours 4LectureLab Hours 3 lec2 labweek

PARAPROFESSIONAL EDUCATOR

Paraprofessional Educator - Associate in Applied Science (041)

The Illinois State Board of Education http://www.isbe.net/licensure/html/paraprofessional.htm awards a paraprofessional educator endorsement on an educator license with stipulations to individuals who: 1) are at least 19 years old; 2) Hold a high school diploma or its recognized equivalent (GED) ***and*** has met one of the following criteria:

- Holds an associate degree (or higher) from a regionally accredited institution of higher education; (evidence is an official transcript); ***or***
- Has completed at least 60 semester hours of credit from a regionally accredited institution of higher education (excluding remedial coursework); ***or***
- Presents an official score report from Educational Testing Service (ETS) showing a score of 460 or higher on the ParaPro test; ***or***
- Presents evidence of earning the following scores on the Work Keys test (offered by ACT): Reading for Information/Workplace Documents (4), and Applied Mathematics (4).

Work and Employment

The Paraprofessional Educator degree will assist individuals in securing the education and credentials needed to obtain employment as a paraprofessional. The program incorporates general education and professional requirements, as well as related electives, and prepares individuals to obtain employment as an instructional assistant in pre-K-12th grade. The employment of elementary and secondary paraprofessionals is dependent upon publicly-funded resources. Most employment opportunities in this occupation will result from fairly high attrition or turnover. Many employment opportunities include part-time positions but full-time employment is available on a limited basis. These positions usually merit entry-level pay.

Advancement to other occupations related to child and adolescent care is possible with further education, training, and experience.

Special Considerations

Entry-level childcare position salaries may begin at minimum wage. This program is not designed, nor intended, to transfer as a package; however, the curriculum includes many transferable courses for the student who decides to pursue a baccalaureate degree.

To be a Title I Paraprofessional, students must hold state approval as a Teacher Aide. Title I paraprofessionals seeking employment should be prepared to provide the employer with a current academic transcript or demonstrate successful completion of a State Paraprofessional Certification Examination

For more information, refer to the Illinois State Board of Education (ISBE) website at isbe.net.

Criminal History Check Policy

Illinois law requires Illinois school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of a person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include first-degree murder; any Class X felony; juvenile pimping; soliciting for a juvenile prostitute; exploitation of a child; obscenity; child pornography; harmful material; criminal sexual assault; aggravated criminal sexual assault; offenses set forth in the Cannabis Control Act; and crimes defined in the Illinois Controlled Substance Act. Employment must be denied whether the offenses and/or conviction occurred inside or outside the state of Illinois.

Students who perform classroom observations through coursework at Sauk Valley Community College may be required by the selected school/site to undergo a criminal background check prior to placement. Students may be denied at any observation site based on the results of that check.

Students who feel their criminal background may exclude them from observation or employment should seek counseling with SVCC faculty or advising staff early in their program to determine how it may affect their participation and eligibility.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Beth Smaka, Assistant Professor of Early Childhood Education, 815-835-6388

Total Hours Required - 61-63 Hours

Major Field Requirements - 22 Hours

Course #	Course Title	Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

EDU221	Children's Literature	3 Hours

This course introduces students to the history themes form and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children as well as the social and cultural contexts that have influenced the creation and selection of literature for children. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H3918LectureLab Hours 3 lecweek

EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

MAT111	Math for Elementary Teacher II	3 Hours

This course is a continuation of MAT 110. Topics include algebraic thinking introductory probability statistics measurement geometry and transformations.Prerequisite MAT 110 with a grade of C or higher.Semester Hours 3Illinois Articulation Initiative IAI M1 903LectureLab Hours 2 lec2 labweek

Related Requirements* - 14-15 Hours

Course #	Course Title	Hours
	Additional Physical / Life Science	3-4 Hours
ECE115	Intro to Early Childhood Educ	3 Hours

This survey course provides an overview of early childhood care and education including historical and cultural perspectives organization structure programming and evidence-based practices. Professional and evidence-based practices of highly qualified early childhood educators are outlined with an emphasis on their ability to enhance development and learning of each and every child between the ages of birth and eight. Considerations for diversity of culture language race socio- economic status gender ethnicity and ability will be included. Students will spend a minimum of 15 hours of observation in diverse early childhood settings.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE118	Parent-Teachr-Child-Comm Relat	3 Hours

This course focuses on the child in the context of family school and community. An analysis of the contemporary American family will be discussed with emphasis on the individual family interactions within the larger societal context. The course will examine the interplay of diverse cultures lifestyles language and communication with the role of school and other community institutions. Students will gain an understanding of their professional role in supporting practices that strengthen respectful familychild relationships through effective use of community and family resources.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 915LectureLab Hours 3 lecweek

ECE202	Lang/Literacy Dev/Young Childr	3 Hours

Students will be introduced to the perspectives concepts and methods of language and literacy development in young children. Students will focus on the speech and language development of young children ages 0-8 as well as the practices to individualize teaching to support language and literacy development in a diverse classroom. Typical and atypical language development the diverse factors that influence language and literacy development developmentally appropriate methods materials and environments and supporting English language learners will be emphasized.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE207	Math for the Young Child	3 Hours

This course is an exploration of early mathematical content and concepts that are relevant to young children ages 0-6. Students will learn what mathematics looks like during the early years and learn strategies to recognize and promote mathematical understanding in young children. Particular emphasis will be on the following concepts numbers measurement shapes patterns spatial relations analysis of data.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ECE228	Child Health-Nutrition-Safety	3 Hours

This course provides an overview of the health safety and nutritional needs of young children and early childhood practices to ensure the health and well-being of each child in a group setting. Content includes roles and responsibilities of adults in meeting childrens diverse needs the promotion of healthy life style practices understanding common childhood illnesses and injuries meeting health nutrition and safety standards and planning nutritious meals that are appropriate for each child.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

LAN161	Beginning Spanish I	4 Hours

A study of functional Spanish with emphasis on speaking the language. Practice in reading and writing simple Spanish. Prerequisite NoneSemester Hours 4LectureLab Hours 4 lecweek

PED213	First Aid	2 Hours

This course will explore the necessary actions to be taken in case of an accident sudden illness in the home school and within the community based on the most current scientific evidence. Topics discussed include but are not limited to initial scene surveying checking the victim basic first aid CPR AED skills identifying medical emergencies and recognizing various injuries. Students successfully completing the course objectives will receive a two-year Certificate of Completion by the American Red Cross ARC in Adult and Pediatric First AidCPRAED proficiency. NOTE All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.Prerequisite NoneSemester Hours 2LectureLab Hours 2 lecweek

PED220	Rhythms & Games for Children	3 Hours

Methods of administering supervising and teaching the major areas of rhythms games testing and apparatus in the elementary school grades. The course is designed to fit the needs of the classroom teacher in approaching the area of learning.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

PSY217	Abnormal Psychology	3 Hours

Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders their symptoms etiologies courses treatment outcomes and related research methods and findings are core to the course. Applications to daily life allied health criminal justice human development and various other clinical settings will be common.Prerequisite PSY 103 or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI PSY 905LectureLab Hours 3 lecweek

* To be selected from the above list or others as approved by the department. When making choices, students should consult with their advisor to be sure that vocational training needs and state licensing requirements for teacher's aides are being met.

General Education Requirements - 24-25 Hours

Course #	Course Title	Hours
	Communications (ENG101, 103 and COM 131 Required)	9 Hours
	Social / Behavioral Science (PSY103 required, PSY215 recommended)	6 Hours
	Science (Physical / Life Science)	3-4 Hours
	Humanities / Fine Arts	3 Hours
	Mathematics (MAT110 required)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Total Hours Required for A.A.S Degree: 61-63 Hours

First Semester - 16 Hours

Course #	Course Title	Hours
	Related Requirements	3 Hours
EDU102	Computer Education for Teacher	3 Hours

This course is designed to meet the needs of education majors. This course will introduce students to the fundamentals and skills necessary to effectively integrate technology into teaching. This course is designed for the student with minimal computer experience. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT110	Math for Elementary Teachers I	3 Hours

The emphasis of this course is placed on mathematical reasoning and problem-solving as it pertains to modern elementary school mathematics. Topics include sets logic basic problem solving number theory fractions decimals integers ratios proportions and percent and the real number system.Prerequisite A grade of C or better in MAT 081 or MAT 090 OR appropriate placement.Semester Hours 3LectureLab Hours 2 lec2 labweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Releated Requirements	3 Hours
ECE114	Child Care and Development	3 Hours

This course provides an overview of the theory and principles of human growth and development from conception and prenatal development through age 8. Content includes an in-depth study of the inter-relatedness of physical socialemotional cognitive language and aesthetic aspects of development. Development is studied in the context of family gender culture language ability socio-economics diversity and society. Current research and major developmental theories are examined with an emphasis on the implications for early childhood professional practice. Students are required to complete 3 observations at an approved preschool site.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI ECE 912LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

ECE240	Observ & Assess Young Children	3 Hours

This course focuses on authentic alternative classroom-based assessment on young children and how to appropriately use standardized test information. The course will further provide the student with the knowledge and skills to interpret and use the information gained to plan curriculum that is responsive to and supportive of childrens learning and development. Students will have the opportunity to engage in assessment processes through means of classroom observations providing each student with a stronger understanding of child development skills. Students learn about and explore a variety of age individually linguistically and culturally appropriate formal and informal assessments to gather and share information on each childs skills abilities interests and needs birth through age 8. This class requires a 20 hour observation clinical component. Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT111	Math for Elementary Teacher II	3 Hours

This course is a continuation of MAT 110. Topics include algebraic thinking introductory probability statistics measurement geometry and transformations.Prerequisite MAT 110 with a grade of C or higher.Semester Hours 3Illinois Articulation Initiative IAI M1 903LectureLab Hours 2 lec2 labweek

Third Semester - 14-15 Hours

Course #	Course Title	Hours
	Related Requirements	5-6 Hours
EDU210	Diversity in Education	3 Hours

This course is designed to introduce pre-service teachers to the basic principles and foundations of educating for diversity. The course will explore schooling in and for global society. Emphasis will be on material evaluation and selection curricular design and the relationship between diversity classroom procedure and educational policyPrerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

EDU220	Educ of the Exceptional Child	3 Hours

An introductory overview of the field of special education and the educational and evidence-based strategies that support children with exceptional cognitive social physical and emotional needs. Services and interventions will be examined including federal and state requirements for eligibility. Students will be introduced to the various exceptionality categories that occur in the population including an overview of characteristics of individuals in each category with emphasis on category-appropriate interventions and teaching strategies. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI ECE 913LectureLab Hours 3 lecweek

EDU221	Children's Literature	3 Hours

This course introduces students to the history themes form and genres of literature for children. Special emphasis on the analysis and evaluation of literature for children as well as the social and cultural contexts that have influenced the creation and selection of literature for children. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H3918LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	Physical / Life Science	3-4 Hours
	Related Requirements	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

EDU276	Clinical Exper in Education	1 Hour

This minimum 26-clock hour experience is offered to help meet clinical andor observation requirements for education programs in Illinois. Seminar students will work one-on-one with students in support positions tutoring small group instruction individual aid and attend accompanying seminars focused on exploration of individual characteristics of learners and professional standards for teachers. Emphasis will be on teaching techniques classroom dynamics and the effects of student developmental status on behavior and learning. A journal noting these factors will be kept by each seminar student. Notes This class contains an observation component. Schools may require students to undergo a criminal background check before being allowed into the classroom.Prerequisite NoneSemester Hours 1LectureLab Hours 2 labweek

PSY215	Social Psychology	3 Hours

Social Psychology is a systematic introduction to theory and research on the ways social factors influence individual and group behavior. Examines attitudes social perception establishment of norms conformity leadership group dynamics and research methods. IAI GECC Code S8 900. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S8 900 PSY 908LectureLab Hours 3 lecweek

Footnotes

- Due to State guidelines, students enrolled in this degree may earn no more than 20 credits through prior experience as listed in the Policies section of this catalog

PHYSICS

Associate in Science Degree with a Concentration in Physics (417)

The concentration in Physics prepares students to transfer to four-year universities to pursue a bachelor's degree in Physics, Engineering, and/or Computer Science.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum (GECC). **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Physics - IAI Recommended Course Sequence

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Bachelor's programs in physics are based on an in-depth foundation of sequential coursework in science and math, while upper-division coursework provides the preparation necessary for graduate studies and/or work in industry. Multiple tracks are often available. For example, some institutions offer a specialty in applied physics or certification for high school teaching.
2. PHY 211 and PHY 212 (Calculus-based Physics Mechanics and Electricity & Magnetism), MAT 203, MAT 204, and MAT 205 (Calculus & Analytic Geometry I, II, & III), and CHE 205 and CHE 206 (General Chemistry I & II) are recommended electives based on top transfer school requirements (for a Physics B.S.). Some schools also require completion of a computer-programming language, MAT 231 and/or MAT 211 before students may begin junior-year required courses.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

Special Considerations

Mathematical ability and computer skills are essential to the career success of physicists. Advanced degrees, often the Ph.D., are required for career advancement.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. James Chisholm, Professor of Physics, 815-835-6215

Minimum Total Credit Hours - 65 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
	Life Science	3 Hours
	Personal Development	1 Hour
CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 18 Hours

Course #	Course Title	Hours
	Personal Development	1 Hour
CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT204	Calc & Analytic Geometry II	4 Hours

The methods of differentiation and integration are extended and power series are introduced. The new methods deal with logarithms exponential hyperbolic and inverse trigonometric functions. Some applications are area between two curves volumes of revolution arc length and work. The techniques of integration by parts partial fractions trigonometric substitution and numerical integration are covered. Power series and the Taylor series function representation are introduced. Prerequisite MAT 203 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-2 MTH 902LectureLab Hours 4 lecweek

PHY211	Engineering Physics I	5 Hours

An examination of the basic principles of mechanics with special emphasis on conceptual and mathematical problem-solving. Topics include linear kinematics Newtons Laws rotational motion equilibrium harmonic motion and waves. Prerequisite High school physics or PHY 201 and MAT 203. Semester Hours 5Illinois Articulation Initiative IAI P2 900L and PHY 911LectureLab Hours 4 lec2 labweek

Third Semester - 15 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
	Social / Behavioral Science	3 Hours
	Personal Development	1 Hour
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

PHY212	Engineering Physics II	5 Hours

An examination of the basic principles of electricity and magnetism with selected topics in electric and magnetic fields potentials network theory dielectric and magnetic properties of matter capacitance inductance dc and ac circuits Maxwells equations and electromagnetic waves. Prerequisite PHY 211 and MAT 204 or concurrent enrollment in MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 912LectureLab Hours 4 lec2 labweek

Fourth Semester - 15 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Social / Behavioral Science	3 Hours
MAT205	Calc & Analytic Geometry III	4 Hours

The elementary ideas concerning conic sections polar curves and vector-valued and multivariate functions are covered. These topics include area arc length and tangents for polar curves. In addition vectors vector derivatives curvature and motion in two and three space are studied. The multivariate concepts of differentiability partial differentiation gradient vectors LaGrange multipliers finding relative extreme values and multiple integration are studied. The course also includes material on vector fields line integrals independence of path Greens Theorem surface integrals the Divergence Theorem and Stokess Theorem.Prerequisite MAT 204 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-3 MTH 903LectureLab Hours 4 lecweek

PHY213	Engineering Physics III	5 Hours

An introduction to heat and thermodynamics universal gravitation geometrical and physical optics the properties of light relativity quantum mechanics atomic and nuclear physics elementary particles and solid-state physics.Prerequisite PHY 212 and MAT 204. Semester Hours 5Illinois Articulation Initiative IAI PHY 915ALectureLab Hours 4 lec2 labweek

POLITICAL SCIENCE

Associate in Arts Degree with a Concentration in Political Science (653)

The concentration in political science prepares students to transfer to a four-year institution to pursue a bachelor's degree in political science or international relations.

Political Science - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

1. IMPORTANT TO NOTE: After completing American Politics and Government (PSC 163), Political Science majors may need to take additional social science courses to meet General Education requirements at the four-year institution they plan to attend. Students are encouraged to work with academic advisors at their community college and at their transfer institution to select a program of courses that will best satisfy academic requirements at their four-year college or university.
2. Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program. Students pursuing social science secondary education should meet with an academic advisor. Transfer guides for some universities are available at svcc.edu/transfer.
3. Students wanting to major in political science may have a choice of earning a B.A. or a B.S. degree, depending on the school they attend. Political science majors normally pursue a B.A. degree, but students should consult their Academic Advisor on the differences between degrees.
4. Students should complete the American Politics and Government (PSC 163) and International Relations (PSC 261) courses prior to transfer as these courses are foundational prerequisites at most colleges.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Paul Edleman, Professor of Communication/Political Science, 815-835-6265

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 17-18 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
*	Electives / Foreign Language	4 Hours
	Mathematics	3-4 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
*	Electives / Foreign Language	4 Hours
	FIne Arts	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSC233	Politics of Developing World	3 Hours

Comparative examination of the political systems of selected non-western countries including institutions electoral systems principles of governance causes of political instability and revolution and techniques of political analysis. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 906NLectureLab Hours 3 lecweek

Third Semester - 14-15 Hours

Course #	Course Title	Hours
*	Electives / Foreign Language	4 Hours
**	Life Science	3-4 Hours
	Elective	1 Hour

ECO211	Principles of Macroeconomics	3 Hours

A survey of macro-economic theory with emphasis on resource allocation in a mixed-enterprise economy. Concentration is on the operation of the market mechanism the role of government and labor international trade national income determination and accounting money and banking monetary and fiscal policy and macroeconomic fluctuations.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI S3 901LectureLab Hours 3lec week

PSC232	Intro to Comparative Gov	3 Hours

Students will examine political systems in several regions of the world. They will gain an understanding of both the diversities and commonalities of political culture tradition and practice in selected nations of Europe Asia and Latin America. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 905LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
	Humanities / Foreign Language	4 Hours
**	Physical Science	3-4 Hours
	Personal Development	3 Hours
	Social / Behavioral Science	3 Hours
PSC261	International Relations	3 Hours

This course is an introduction to international relations and world politics. It includes studies of international conflict a history of war human rights and genocide international law and behavior terrorism and global economics and poverty. Case studies of current areas of crises will be emphasized.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 904LectureLab Hours 3 lecweek

Footnotes

* Three - four semesters of a college-level foreign language or three or four years of a high school level foreign language may be required for a Bachelor of Arts degree. A Bachelor of Science degree may require more courses in mathematics, statistics, and/or computer science. Contact an academic advisor for more information.

** One lab science required.

PRE-ATHLETIC TRAINING

Associate in Arts Degree with a Concentration in Pre-Athletic Training (635)

The concentration prepares students to transfer to four-year universities to pursue an advanced degree in athletic training. Trainers determine the physical condition of athletes and recommend exercises that will increase their strength and flexibility and then correct any weaknesses.

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Foundational courses include human anatomy and physiology (BIO 109 and BIO 110), chemistry (CHE 103 or higher), physics (PHY 175 or higher), biology (BIO 105), and psychology (PSY 103)
2. *A minimum number of observation hours (for example 50 hours) with a certified athletic trainer within a recommended timeframe is typically required before program application

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

1. An earned Bachelor's degree in a related field or at least 90 hours completed for accelerated programs.
2. Competitive grade point average (GPA) based on cumulative and prerequisite coursework.
3. *Documentation of observation hours.
4. Prerequisite coursework completed typically with a C or higher.
5. Complete an application process by a published deadline. The process can include a separate application, resume, letters of recommendation, and a personal interview.

Special Considerations

1. To become a certified athletic trainer, a student must graduate with a **bachelor's or master's degree from an accredited professional athletic training education program and pass a comprehensive test administered by the Board of Certification(BOC)
2. **The current minimum entry point into the profession of athletic training is a Bachelor's degree, however, **it was recently decided by the AT Strategic Alliance that the minimum professional degree level will be a Master's, a change to be implemented within the next few years.**

3. **Accelerated sequences are available at select institutions that lead students to both a B.S. in kinesiology/exercise science and an M.S. in athletic training.**
4. Students will typically be required to undergo criminal background checks in order to be placed at clinical experience sites. A student with a prior criminal record may not be able to complete the program or required courses.
5. **For information about the National Athletic Trainer's Association and the certified athletic trainer go to nata.org.**
6. Once certified, athletic trainers must meet ongoing continuing education requirements to remain certified.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 64 Hours

Suggested Course Sequence

First Semester - 14 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
CHE103	Introduction to Chemistry	4 Hours

A one semester general survey covering basic chemistry principles including topics in organic chemistry. In particular emphasizing electronic structure and periodic law chemical bonding stoichiometry chemical reactions and calculations states of matter solution chemistry including acids bases and salts and organic compounds. Depth of coverage is designed to meet the needs for general education physical science requirements. Credit will not be awarded for both CHE 1023 credits and CHE 1034 credits.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI P1 902LLectureLab Hours 3 lec.2 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
NRS116	Med Terminology for Hea Career	3 Hours

NRS 116 is an internet-based medical terminology course designed for students pursuing health careers. Students will develop knowledge of the foundation of word parts combining forms anatomical terminology and medical terms organized by body systems. The course includes the study of definition and use of medical terms common to many health related disciplines.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

***	Additional Math or Elective	3 Hours

Third Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

BIO120	Environmental Health	3 Hours

An examination of the environmental effects on human physiological systems resulting in diverse problems such as heart disease cancer and other health related concerns. This course is designed to assist the student in making informed responsible decisions affecting personal and environmental wellness.Prerequisite NoneSemester hours 3LectureLab Hours 3 lecweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Fourth Semester - 17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
	Elective	1 Hour
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

PED213	First Aid	2 Hours

This course will explore the necessary actions to be taken in case of an accident sudden illness in the home school and within the community based on the most current scientific evidence. Topics discussed include but are not limited to initial scene surveying checking the victim basic first aid CPR AED skills identifying medical emergencies and recognizing various injuries. Students successfully completing the course objectives will receive a two-year Certificate of Completion by the American Red Cross ARC in Adult and Pediatric First AidCPRAED proficiency. NOTE All courses may be selected as an elective course in all programs. All one credit activity courses may be repeated for a total of two credits.Prerequisite NoneSemester Hours 2LectureLab Hours 2 lecweek

PHY175	Introduction to Physics	4 Hours

This course covers basic concepts of physics including units in mechanics sound optics electricity magnetism and Bohr theory to build an organized body of knowledge related to physical phenomena encountered in the students life. It is designed to meet the laboratory requirements for non-science majors and students in elementary education.Prerequisite ELT 120 with a grade of D or higher bORb MAT 078 or MAT 081 or MAT 090 or MAT 106 or higher with a C or higher OR 2 years of high school algebra with a grade of C or higher OR appropriate placement.Semester Hours 4Illinois Articulation Initiative IAI P1 900LLectureLab Hours 3 lec2 labweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

Footnotes

*** Math requirements vary by transfer institution and selected undergraduate major. Recommended elective: PED 115

PRE-PHYSICAL THERAPY/OCCUPATIONAL THERAPY

Associate in Science Degree with a Concentration in

Pre-Physical Therapy / Occupational Therapy (830)

The concentration in Pre-Physical Therapy/Occupational Therapy prepares students to transfer to four-year universities to pursue a bachelor's degree in health science, biology, kinesiology, and/or science-related fields.

Physical Therapists improve mobility, relieve pain, and prevent or limit permanent disabilities of individuals due to injury or disease. Physical Therapists work with accident victims as well as individuals who suffer from multiple sclerosis, cerebral palsy, nerve injuries, burns, amputations, head injuries, fractures, lower back pain, arthritis, and heart disease.

Occupational Therapists assist individuals who have mentally, physically, or emotionally disabling conditions to develop, recover, or maintain daily living and work skills. The goal of occupational therapy is to help individuals have independent, productive, and satisfying lives.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM-related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum. **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Foundational prerequisites at all or most programs include human anatomy and physiology (BIO 109 & 110), psychology (PSY 103, 200), statistics (MAT 240), and additional science coursework (BIO 105, CHE 105). In addition, pre-physical therapy includes a sequence in biology, chemistry, and physics. Sociology (SOC 111) is recommended for pre-occupational therapy.

Competitive Admissions

Since admission is limited and competitive, completing the recommended courses does not by itself guarantee admission.

Undergraduate admission requirements will vary depending on selected major.

For Doctor of Physical Therapy (D.P.T) OR a professional program (Masters or Doctorate) in occupational therapy, typical admission requirements include:

1. A bachelor's degree from an accredited institution
2. Minimum grade point average of 3.0 (on a 4.0 scale)
3. Prerequisite courses completed successfully
4. Graduate school entrance exam score (GRE)
5. Observation hours (20-30) within the last five years
6. Program/graduate school application that can require letters of recommendation, professional resume, personal statement, interview

Special Considerations

1. To practice as a physical therapist in the U.S., students typically earn a doctor of physical therapy (D.P.T) degree from an accredited physical therapist education program and pass a state licensure exam. For more information, go to apta.org
2. Some D.P.T programs offer a 3+3 format (3 years of specific undergraduate prerequisite coursework taken prior to advancement into a three-year professional D.P.T program)
3. To practice as an occupational therapist in the U.S., students must successfully complete a master's degree in occupational therapy or a professional doctorate in occupational therapy (O.T.D.) and pass the National Board of Certification in Occupational Therapy exam. State licensing may also be required. For more information, go to aota.org
4. Clinical experiences are an integral part of the curriculum. A criminal background check, drug screen, first aid and CPR are typical clinical requirements.

Program Contacts at Sauk Valley Community College

- Academic Advising 815-835-6354

Minimum Total Credit Hours - 66 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT221	Calc for Bus & Soc Science	4 Hours

A brief course in elementary differential and integral calculus. Primarily for students of business economics and social science with emphasis on applications. Prerequisite MAT 121 with a grade of C or higher or appropriate placement score or four years of college preparatory high school mathematics with grades of C or higher OR Math 3 with a grade of C or higher. Semester Hours 4Illinois Articulation Initiative IAI M1 900-BLectureLab Hours 4 lecweek

- OR -

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 17 Hours

Course #	Course Title	Hours
	Humanities	3 Hours
	Personal Developmnet	3 Hours
CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 15 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

BIO131	General Zoology	5 Hours

An introduction to the principles of classification of animals followed by a systematic study of invertebrate and vertebrate animals including their morphology physiology and natural history. Concepts of evolution paleontology and ecology are discussed. This course along with BIO 105 Principles of Biology and BIO 123 Introduction to Botany is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Prerequisite BIO 105 with a grade of C or higher. Semester hours5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality

developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Fourth Semester - 16 Hours

Course #	Course Title	Hours
****	Social / Behavioral Science	3 Hours
	Humanities / Fine Arts	3 Hours

- OR -

	Major Field Requirement	3 Hours
BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

Footnotes

* **MAT221** - Math requirements may vary depending upon the program and transfer institution.

* **CHE105 / 106** - One year of general chemistry and one year of general physics (PHY 201 and 202) are usually required for physical therapy majors but not for occupational therapy majors.

* **BIO105 / 131** - Some institutions require BIO 123 Intro to Botany in addition to BIO 105 and 131.

**** SOC 111 recommended for occupational therapy.

PRE-PROFESSIONAL MEDICAL

Associate in Science Degree with a Concentration in Pre-Professional Medical (510)

This concentration in preprofessional medical outlines the basic lower-level courses required by medical, chiropractic, dental, optometry, veterinary, and pharmacy schools. Students prepare for admission to a professional school by completing required math and science courses in a bachelor's degree such as biology, chemistry, psychology or a related program.

The associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum. **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution**

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Pre-professional undergraduate programs are areas of interest, not majors.
2. Strong math-dependent science coursework is required to prepare for pre-professional studies. Completion of anatomy and physiology, biology, chemistry, and/or physics sequences is recommended prior to transfer.

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Undergraduate admission requirements will vary depending on selected major.

For professional schools, typical admission requirements include:

1. **A minimum of a bachelor's degree from an accredited institution
2. Competitive cumulative and science-based grade point average
3. Prerequisite courses completed successfully
4. Medical College Admission Test (MCAT) or a similar admission test completed
5. Professional school application that can require letters of recommendation, professional essays, personal statement, work/activities, interview

Special Considerations

1. Preprofessional health careers require advanced study at a professional school. For instance, to become a medical doctor, students need to earn an MD (medical degree) followed by a residency program. Some specialty areas require longer residencies or a fellowship program.
2. **Some professional health programs competitively admit students with 3 years of undergraduate study including prerequisite coursework
3. Practical experience in the healthcare field is highly recommended. This includes volunteer and work experience.
4. For more information, go to the following sites based on pre-professional program interests: American Chiropractic Association: www.acatoday.org Association of Medical Colleges: www.aamc.org American Optometric Association: http://www.aoa.org American Veterinary Association: www.avma.org American Dental Association: www.ada.org American Academy of Physician Assistants: www.aapa.org Accreditation Council for Pharmacy Education: www.acpe-accredit.org

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 65-66 Hours

Suggested Course Sequence

First Semester - 18 Hours

Course #	Course Title	Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CHE105	General Chemistry I	5 Hours

This course involves the study of matter measurements the periodic table of the elements atomic structure basic concepts of quantum theory bonding stoichiometry of compounds and reactions solution chemistry introduction to acids and bases thermochemistry the gaseous state and basic concepts of the liquid and solid states. This class is for chemistry engineering premedical and science majors.Prerequisite One year of high school chemistry or CHE 103 or CHE 102.Semester hours 5Illinois Articulation Initiative IAI P1 902L CHM 911LectureLab Hours 3 lec3 labweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT203	Calculus & Analytic Geometry I	4 Hours

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits continuity the derivative rules of differentiation the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates graphing extreme value problems and Newtons method for finding roots of equations.Prerequisite A grade of C or better in MAT 121 College Algebra AND MAT 122 Trigonometry OR appropriate placement see current placement score chart Semester Hours 4Illinois Articulation Initiative IAI M1 900-1 MTH 901LectureLab Hours 4 lecweek

Second Semester - 17-18 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
	Fine Arts	3 Hours
	Additional Mathematics	3-4 Hours
CHE106	General Chemistry II	5 Hours

This course is a continuation of CHE 105. This course involves the study of solutions acids and bases equilibria acid-base equilibria solubility equilibria kinetics thermodynamics electrochemistry coordination compounds and nuclear chemistry. This class is for chemistry engineering premedical and science majors.Prerequisite CHE 105 General Chemistry I or equivalent with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 912LectureLab Hours 3 lec3 labweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

Third Semester - 16 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
BIO131	General Zoology	5 Hours

An introduction to the principles of classification of animals followed by a systematic study of invertebrate and vertebrate animals including their morphology physiology and natural history. Concepts of evolution paleontology and ecology are discussed. This course along with BIO 105 Principles of Biology and BIO 123 Introduction to Botany is part of the three semester sequence that satisfies the IAI Bio 910 Biology major requirement. Prerequisite BIO 105 with a grade of C or higher. Semester hours5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

CHE201	Organic Chemistry I	5 Hours

This course covers the following topics bonding molecular structure and properties reactivity and nomenclature of alkanes cycloalkanes alkenes alkynes alkyl halides alcohols and ethers stereochemistry nucleophilic substitution and elimination reaction infrared spectroscopy. Laboratory is required. Students should complete both CHE 201 and CHE 202 before transferring to another institution.Prerequisite CHE 106 or equivalent with a C or betterSemester hours 5Illinois Articulation Initiative IAI CHM 913LectureLab Hours 3 lec4 labweek

- OR -

PHY201	General Physics I	5 Hours

This course is a survey of the general principles of mechanics sound and heat. It is designed for 1 those students whose curriculum requires a one-year course in physics pre-medical pre-dental architecture agriculture radio communication 2 engineering students who have not had high school physics 3 students who have an interest in the field of physics and select it to satisfy the science requirement of their curriculum. The main objective of the course is to acquaint the student with the experimental method to develop laboratory skills and to present the student with an organized body of knowledge related to physical phenomena encountered in the students life. Prerequisite MAT 121 or higherSemester Hours 5Illinois Articulation Initiative IAI P1 900LLectureLab Hours 4 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

Fourth Semester - 14 Hours

Course #	Course Title	Hours
	Personal Development	3 Hours
	Humanities	3 Hours
	Social / Behavioral Science or Major Field Requirement	3 Hours
CHE202	Organic Chemistry II	5 Hours

This course covers the following topics Nomenclature reactions and synthesis of aldehydes ketones carboxylic acids and their derivatives aromatic compounds conjugated dienes dicarbonyl compounds amines amino acids proteins carbohydrates phenols NMR spectroscopy and MS spectrometry. Laboratory is required. Prerequisite CHE 201 Organic Chemistry I with a C or higher.Semester hours 5Illinois Articulation Initiative IAI CHM 914LectureLab Hours 3 lec4 labweek

- OR -

PHY202	General Physics II	5 Hours

This course is a survey of the general principles of electricity magnetism light and optics and modern physics. It provides an introduction to the fundamental concepts and mathematics associated with physics as an organized body of knowledge based on the scientific method. Prerequisite PHY 201. Semester hours 5LectureLab Hours 4 lec 2 labweek

Footnotes

* Some institutions require BIO 123 Intro to Botany in addition to BIO 105 and 131. BIO 109 & 110 may also be required by some transfer institutions.

PSYCHOLOGY

Associate in Science Degree with a Concentration in Psychology (855)

The concentration in psychology prepares students to transfer to four-year universities to pursue a bachelor's degree in psychology and/or social work.

The associate in science (A.S.) degree is designed to complete the first portion of a bachelor of science degree in STEM related majors. As a result, the A.S. degree does not include the entire General Education Core Curriculum. **Therefore, students will need to complete MORE general education courses either before or after transfer in order to complete GECC curriculum requirements.**

Psychology - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

IMPORTANT PSYCHOLOGY CONCENTRATION NOTE: The IAI Psychology Major Panel recommends that psychology students take PSY 103 for GECC credit. Completion of PSY 103 is a requirement (prerequisite) that needs to be taken to be admitted to many classes at 4-year schools, so it is best to complete that prior to transfer. Some SVCC psychology classes may transfer as elective credit rather than counting as the specific class after transfer (e.g., PSY 217).

Competitive Admissions

Since admission to 4-year college/university programs is competitive, completing the recommended courses does not by itself guarantee admission. For example, many transfer schools require a minimum 2.00 GPA on a 4.00 scale (or higher) for admission.

Special Considerations

There are many jobs available in psychology and related fields (like social work). There are a variety of jobs available with 2-year, 4-year, and graduate degrees. In order to work as an independent counselor or therapist, a minimum of a master's degree is typically required to obtain a state license.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amy Jakobsen, Ph.D., LCP, Professor of Psychology, amy.n.jakobsen@svcc.edu (815-835-6324)

Minimum Total Credit Hours - 64-68 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
***	Electives	3 Hours
	Personal Development	3 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality

developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 17-18 Hours

Course #	Course Title	Hours
*	Mathematics	3-4 Hours
BIO105	Principles of Biology	5 Hours

A survey of the basic principles of biology including nature of science cells structure and function of organisms genetics evolution and ecology. This course is designed to satisfy the biology requirement for general education and vocation-occupational curriculum majors. It provides a basis for understanding principles common to all major fields of biology for the science or professional major. This course along with BIO 123 Introduction to Botany and BIO 131 General Zoology is part of the three-semester sequence that satisfies the IAI 910 Biology requirement.Students who have completed BIO 105 with a grade of C or better will not receive credit for BIO 103 or BIO 104.Prerequisite NoneSemester hours 5Illinois Articulation Initiative IAI L1 910L BIO 910LectureLab Hours 4 lec2 labweek

COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
	Additional Science	4-5 Hours
	Humanities	3 Hours
PSY215	Social Psychology	3 Hours

Social Psychology is a systematic introduction to theory and research on the ways social factors influence individual and group behavior. Examines attitudes social perception establishment of norms conformity leadership group dynamics and research methods. IAI GECC Code S8 900. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S8 900 PSY 908LectureLab Hours 3 lecweek

PSY217	Abnormal Psychology	3 Hours

Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders their symptoms etiologies courses treatment outcomes and related research methods and findings are core to the course. Applications to daily life allied health criminal justice human development and various other clinical settings will be common.Prerequisite PSY 103 or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI PSY 905LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Fourth Semester - 15-17 Hours

Course #	Course Title	Hours

**	Physical Science	3-5 Hours
	Humanities / Fine Arts	3 Hours
***	Electives	9 Hours

Footnotes

* Suggested MAT 220, MAT 221 or MAT 203.

** Some universities require a two-semester science sequence in biology, chemistry, or physics.

*** Additional science courses, such as anatomy and physiology are recommended.

PSYCHOLOGY

Associate in Arts Degree with a Concentration in Psychology (655)

The concentration in psychology prepares students t transfer to four-year universities to pursue a bachelor's degree in psychology and/or social work.

Psychology - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Considerations

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

IMPORTANT PSYCHOLOGY CONCENTRATION NOTE: The IAI Psychology Major Panel recommends that psychology students take PSY 103 for GECC credit. Completion of PSY 103 is a requirement (prerequisite) that needs to be taken to be admitted to many classes at 4-year schools, so it is best to complete that prior to transfer. Some SVCC psychology classes may transfer as elective credit rather than counting as the specific class after transfer (e.g., PSY 217).

Competitive Admissions

Since admission to 4-year college/university program is competitive, completing the recommended courses does not by itself guarantee admission. For example, many transfer schools require a minimum 2.00 GPA on a 4.00 scale (or higher) for admission.

Special Considerations

There are many jobs at the available in psychology and related fields (like social work). There are a variety of jobs available with 2-year, 4-year, and graduate degrees. In order to work as an independent counselor or therapist, a minimum of a master's degree is typically required to obtain a state license.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Amy Jakobsen, Ph.D., LCP, Professor of Psychology
  Email: amy.n.jakobsen@svcc.edu | Phone: (815) 835-6324

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 16-17 Hours

Course #	Course Title	Hours
**	Electives	3-4 Hours
	Personal Development	3 Hours
ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15-16 Hours

Course #	Course Title	Hours
*	Mathematics	3-4 Hours
	Fine Arts	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

PSY200	Human Growth & Development	3 Hours

A study of physical cognitive and psychosocial development of the human across the lifespan. Normative and non-normative patterns of development will be examined. Several major theories of human development will be be explored. Practical application of research findings will be emphasized. Prerequisite PSY 103 or equivalent. Semester Hours 3Illinois Articulation Initiative IAI S6 902LectureLab Hours 3 lecweek

- OR -

PSY214	Child Developmental Psychology	3 Hours

Child Developmental Psychology is an exploration of human growth and development from immediately before conception through adolescence. Content and application of theory and research related to physical cognitive and psychosocial domains of child development will be reviewed. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S6 903LectureLab Hours 3 lecweek

Third Semester - 16-17 Hours

Course #	Course Title	Hours
***	Life Science	4-5 Hours
	Humanities	3 Hours
PSY215	Social Psychology	3 Hours

Social Psychology is a systematic introduction to theory and research on the ways social factors influence individual and group behavior. Examines attitudes social perception establishment of norms conformity leadership group dynamics and research methods. IAI GECC Code S8 900. Prerequisite PSY 103Semester Hours 3Illinois Articulation Initiative IAI S8 900 PSY 908LectureLab Hours 3 lecweek

PSY217	Abnormal Psychology	3 Hours

Abnormal psychology seeks to examine abnormal behavior from a number of contemporary theoretical and therapeutic viewpoints with reference to relevant research findings. Major diagnostic categories are explored. The diagnosis of disorders their symptoms etiologies courses treatment outcomes and related research methods and findings are core to the course. Applications to daily life allied health criminal justice human development and various other clinical settings will be common.Prerequisite PSY 103 or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI PSY 905LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Fourth Semester - 16-17 Hours

Course #	Course Title	Hours
***	Physical Science	3-4 Hours
	Humanities / Fine Arts	3 Hours
****	Electives	6 Hours
	Social / Behavioral Sciences (excluding PSY)	3 Hours

Footnotes

* Suggested MAT 220, MAT 221 or MAT 203.

** Three to four semesters of a college-level foreign language or three to four years of a high school level foreign language may be required for a Bachelor of Arts degree.

*** One lab required. Some universities require a two-semester science sequence in biology, chemistry, or physics.

**** Additional science courses, such as anatomy and physiology are recommended.

RADIOLOGIC TECHNOLOGY

Radiologic Technology
Associate in Applied Science (051)

(Diagnostic X-ray Technology)

Radiographers perform diagnostic imaging exams, administer contrast media, and operate radiographic equipment to perform a variety of imaging procedures including diagnostic x-rays, CT scans, magnetic resonance imaging (MRI) exams, bone densitometry, mammography, cardiovascular interventional studies, and additional specialties in nuclear medicine, ultrasound, and radiation therapy.

Work and Employment

Radiographers work in hospitals, clinics, doctors' offices, government health agencies and research hospitals. According to the U.S. Department of Labor, the demand for radiologic technologists is expected to grow as x-ray and other radiologic specialties are increasingly used to diagnose and treat diseases.

Special Considerations

Graduates must pass a national registry exam to be certified and registered. With additional on-the-job training or formal schooling radiographers may become certified and registered in ultrasound, nuclear medicine, radiation therapy, CT, MRI, mammography, bone densitometry, cardiovascular and quality assurance. With advanced degrees, they may become managers, instructors and administrative technologists.

Admission Requirements:

1. **Biology - Anatomy and Physiology** (One of these following criteria must be met. Any valid standard of proficiency listed below can be utilized to apply. Multiple attempts at anatomy and physiology may be a factor in the admission process.)
   - *BIO 108 or BIO 109 or BIO 110* with a grade "C" or better.
   - Two semesters (One year) of high school *Anatomy and Physiology* with a "C" or better within the last five years.
   - Equivalent Anatomy and Physiology course at another college or university with a grade "C" or better.
2. **Mathematics** (One of these following criteria must be met. Any valid standard of proficiency listed below can be utilized to apply.)
   - Placed into MAT 081, MAT 106 or higher, or its equivalent using any approved valid placement option.
   - Completed MAT 075, MAT 076 , MAT 078, MAT 081, OR initial approved Rad Tech general education math course with a grade of "C" or better
   - Completed an equivalent math course at another college or university with a grade "C" or better.
   - Completed two semesters of high school algebra with a "C" or better within the last three years OR completed through Completed Common Core 1 with a "C" or better within the last three years.
3. **English Language Arts** (One of these following criteria must be met. Any valid standard of proficiency listed below can be utilized to apply.)
   - Placed into ENG 101 using any approved valid placement option.
   - Completed ELA 099 (formerly ENG 99/100) or ENG 101 with a grade of "C" or higher.
   - Completed an equivalent English course at another college or university with a grade "C" or higher.
4. **Other**
   A minimum of SIX hours of earned college credit from the required General Education Courses with at least an overall GPA of 2.5 or higher OR, for students without any earned college credit (exception high school dual credit program), application within two years of high school with an ACT or SAT score in the 45th percentile, overall high school GPA of 2.5 or higher, grades of "C" or better in four semesters (two years) of high school laboratory sciences, and grades of "C" or better for two semesters (one year) of high school algebra.

NOTE: Students completing pre-admissions or general education coursework at institutions other than SVCC should check with the SVCC registrar's office prior to enrolling or paying for outside classes for appropriate transferability.

Admissions Procedures

1. Complete the College general admission procedure.
2. Attend an information meeting.
3. Complete a progression plan with the Health Advisor.
4. Two recommendation forms on file in the Office of Health Professions.
5. Complete TEAS testing through the SVCC testing center or other approved ATI testing center.
6. File an application form with the Office of Health Professions by the application deadline.
7. A "point system" will be utilized to evaluate all qualified applicants. Applicants will be awarded points for completion of specific general education and program admission requirements. These are explained in the Radiologic Technology Admission Handbook given out at the informational meeting.

Program Requirements

NRS 116, Medical Technology for Health Careers and RAD 100 Radiologic Technology Introduction, must be completed with a grade of "C" or above prior to starting the first semester RAD courses. A course accepted as equivalent in transfer from another institution may require a "B" or better due to differences in course grading scales. See the health counselor for more information. A grade of "C" is the minimum passing grade for all major field requirements, communications, life science, and mathematics courses. A "C" average must be maintained in all other general education requirements. Successful completion of a radiologic technology course requires a "C" in the classroom and a "C" in the clinical experience. A student who is unsatisfactory in any one of these areas will receive a failing grade for the course. If a RAD course is failed, it may be repeated once by going through a readmission to the program. No more than one RAD course may be repeated.

Application Deadlines

The SVCC admission policy requirements and minimum Radiologic Technology Academic Admission Requirements must be completed by the priority screening deadline of March 1 of the year the applicant wishes to be admitted. A second evaluation will be implemented for qualified students after the additional screening deadline of June 1. Students who apply after the application deadlines will be evaluated as spaces are available.

Out-of-District Application

Sauk Valley Community College is required by the Illinois Community College Act (110 ILCS 805/3-17) to give preference to in-district resident candidates. Out-of-district applicants will be considered if space is available after June 1 of the year of application to enter the program. Out-of-district applicants to the program coming from colleges with cooperative agreements will be given the same consideration (March 1 deadline) as in-district applicants.

Accreditation

The Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dianna Brevitt, Coordinator Radiologic Technology, 815-835-6362

Total Hours Required - 69.5 Hours

Major Field Requirements - 52.5 Hours

Course #	Course Title	Hours
NRS116	Med Terminology for Hea Career	3 Hours

NRS 116 is an internet-based medical terminology course designed for students pursuing health careers. Students will develop knowledge of the foundation of word parts combining forms anatomical terminology and medical terms organized by body systems. The course includes the study of definition and use of medical terms common to many health related disciplines.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

RAD100	Radiologic Technology Intro	0.5 Hour

This course is designed to outline expectations of the Radiologic Technology program a career in radiologic technology and options for advancement. Clinical observation in a medical imaging department and simulation testing is a required component of the course. Prerequisite NoneSemester Hours 0.5LectureLab Hours .5 lecweek

RAD101	Rad Tech Clinical Experience I	3 Hours

Students are oriented to the functions of a hospital radiology department. Students are competency tested in a simulated setting before assignment to a hospital and again in the x-ray department under direct supervision of a registered radiographer in all procedures introduced in RAD 120. Image critique sessions are a regularly scheduled inclusion. Prerequisite Admission to Radiologic Technology Program concurrent enrollment in RAD 120. Semester Hours 3LectureLab Hours 3 lecweek

RAD102	Rad Tech Clinical Exp II	3 Hours

The students information base is expanded with introduction of more complex radiographic examinations in RAD 121 classroom content. The student is again competency tested in the lab before assignment to a hospital and the student remains under direct supervision of a registered radiographer in the radiography department. Students gain additional experience through performance of procedures competently completed in the first semester. Image critique sessions are a regularly scheduled inclusion. Prerequisite RAD 101 with a grade of C or higher concurrent enrollment in RAD 121. Semester Hours 3LectureLab Hours 16 labweek

RAD103	Rad Tech Clinical Exp III	2 Hours

The student will gain experience through performance of procedures competently completed in first two semesters and complete final first-year competency evaluations. The student will perform portable procedures surgical and emergency room procedures and other complex problems involving radiographic examinations in these areas. Prerequisite RAD 102 with a grade of C or better and concurrent enrollment in RAD 122. Semester hours 2LectureLab Hours 16 labweek

RAD110	Technical Nursing I	1 Hour

This course provides students initial skills and background knowledge to perform basic nursing techniques necessary to function in their specific area of health care. This course includes an introduction to legal and ethical responsibilities communication techniques interpersonal relationships medical and surgical asepsis vital sign measurement positioning and transfer techniques and emergency care. Prerequisite Admission to the Radiologic Technology Program Semester Hours 1LectureLab Hours 3 lec2 lab for 5 weeks

RAD111	Technical Nursing II	1 Hour

This course builds on the beginning skills and background knowledge presented in the Technical Nursing I course. This course provides students with more advanced skills and procedures necessary for functioning in their specific area of health care. A review of vital signs assessment an introduction to oxygen administration along with content for the care of patients with special problems and alternative medical treatments patients during imaging examinations of the gastrointestinal system and patients during special procedures. Introduction to pharmacology is included. Prerequisite RAD 110 with a grade of C or better.Semester Hours 1LectureLab Hours 2 labweek.

RAD120	Rad Tech Anat/Positioning I	5 Hours

This course covers an introduction to the medical field and beginning level x-ray examination procedures. Topics include professional ethics radiation safety medical terminology the radiographic anatomy and positioning of the chest abdomen and extremities. Introductory information and laboratory practice is provided with relation to radiographic equipment accessories and exposure factors. Prerequisite RAD 100 with a grade of C or higherSemester Hours 5LectureLab Hours 4 lec2 labweek

RAD121	Rad Tech Anat/Positioning II	5 Hours

The intermediate level students give attention to specific ethical issues and radiation protection practices. Study of radiographic anatomy and positioning is expanded with attention to skull spine and contrast studies of the abdominal and thoracic viscera and spine. There is continuing investigation of the theoretical and mechanical factors affecting exposure values. Laboratory practice is provided to give student experience in processing techniques and continued experience in exposure techniques. Prerequisite RAD 120 with a C or higher. Semester Hours 5LectureLab Hours 4 lec2 labweek

RAD122	Radiologic Physics	3 Hours

An introduction to the basic concepts of radiologic physics circuitry of radiographic equipment and fundamentals of diagnostic imaging. The theory of x-ray production is related to the structures of the equipment. Theory of x-ray interaction at the atomic level is included. Prerequisite MAT 106 or MAT 121 or higher with a grade of C or better.Semester Hours 3LectureLab Hours 3 lecweek

RAD200	Venipuncture	1 Hour

The various techniques for obtaining blood samples are taught emphasis is on quality samples and safety. Injection techniques are emphasized.Prerequisite RAD 122 with a grade of C or higher.Semester Hours 1LectureLab Hours 1 lecweek

RAD201	Rad Tech Clinical Exp IV	5 Hours

The student now functions more independently in the radiologic department to master previous skills. Emphasis is placed on examination of trauma patients surgical radiography and pediatric procedures during day evening and weekend shifts with indirect supervision of a registered radiographer. The student becomes involved in special procedure radiography including assignment for observation in special modalities. Image critique continues and final competency testing is performed by students in areas previously tested.Prerequisite RAD 103 concurrent enrollment in RAD 220. Semester Hours 5LectureLab Hours 24 hours internshipweek

RAD202	Rad Tech Clinical Exp V	5 Hours

The student continues to function more independently and performs emergency radiographic procedures during day evening and weekend shifts with indirect supervision of a registered radiographer. Image critique continues and final competency testing is performed by students in areas previously tested. Prerequisite RAD 201 with a grade of C or better concurrent enrollment in RAD 223. Semester Hours 5LectureLab Hours 24 internship hoursweek

RAD220	Image Production in Radiogr	3 Hours

Emphasis is placed on image production among radiographic accessories including Computed Radiography and Digital Radiography. Evaluation of image artifacts and proper quality control is summarized. Advanced imaging in Fluoroscopy is also associated with image production.Prerequisite RAD 122 with grade of C or higher. Semester Hours 3LectureLab Hours 3 lecweek

RAD221	Path/Adv Imag Modal-Diag Imag	4 Hours

The topics covered include computed tomography magnetic resonance imaging and sonography. Pathology and diagnosis through imaging as they relate to advanced modalities is introduced. In addition a review and summary of all radiographic anatomy is provided. Prerequisite RAD 122 with a grade of C or higher. Semester Hours 4LectureLab Hours 4 lecweek

RAD222	Ionizing Radiation in Medicine	3 Hours

This course covers the characteristics of the various applicable ionizing radiations used in diagnostic imaging. Topics include interactions of radiation and matter emission spectra fundamentals of radiobiology and systemic effects of irradiation to the human body. Radiation safety implications are stressed. Prerequisite RAD 221 with a grade of C or higher. Semester Hours 3LectureLab Hours 8-week hybrid with 3 hrsweek lecture and online requirements

RAD223	Cross Sectional Anatomy	3 Hours

Anatomy of the human body will be studied in cross section. Anatomy of the brain neck thorax abdomenpelvis and the musculoskeletal system will be presented in the axial transverse sagittal coronal and orthogonal oblique imaging planes using multiple diagnostic imaging modalities. Anatomical structure location and function will be identified using illustrations and radiographic images comparing computed tomography and magnetic resonance imaging. Angiography pharmacology and contrast will also be investigated.Prerequisite RAD 220 with a grade of C or higher or instructor consent with proof of ARRT certification.Semester Hours 3LectureLab Hours 3 lecweek

RAD224	Registry Review	2 Hours

The course is a review of previous course materials and preparation for the Registry Examination in Radiography given by American Registry of Radiologic Technologists. Mock Registry exams included in the content of the course. Prerequisite Concurrent enrollment in RAD 222Semester Hours 2LectureLab Hours 2 lecweek

General Education Requirements - 16 Hours

Course #	Course Title	Hours
	Communications (ENG101 required and ENG103 or ENG111 or COM131)	6 Hours
*	Mathematics (MAT106 or MAT121 or Higher Required)	3 Hours
**	Life Science (BIO108 Required)	4 Hours
	Social / Behavioral Science (PSY103 Recommended)	3 Hours

SVCC Degree Requirement - 1 Hour

Course #	Course Title	Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

Suggested Program (Option I)

First Semester - 14 Hours

Course #	Course Title	Hours
	Natrual Science (BIO108 or BIO109)	4 Hours
FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

RAD101	Rad Tech Clinical Experience I	3 Hours

Students are oriented to the functions of a hospital radiology department. Students are competency tested in a simulated setting before assignment to a hospital and again in the x-ray department under direct supervision of a registered radiographer in all procedures introduced in RAD 120. Image critique sessions are a regularly scheduled inclusion. Prerequisite Admission to Radiologic Technology Program concurrent enrollment in RAD 120. Semester Hours 3LectureLab Hours 3 lecweek

RAD110	Technical Nursing I	1 Hour

This course provides students initial skills and background knowledge to perform basic nursing techniques necessary to function in their specific area of health care. This course includes an introduction to legal and ethical responsibilities communication techniques interpersonal relationships medical and surgical asepsis vital sign measurement positioning and transfer techniques and emergency care. Prerequisite Admission to the Radiologic Technology Program Semester Hours 1LectureLab Hours 3 lec2 lab for 5 weeks

RAD120	Rad Tech Anat/Positioning I	5 Hours

This course covers an introduction to the medical field and beginning level x-ray examination procedures. Topics include professional ethics radiation safety medical terminology the radiographic anatomy and positioning of the chest abdomen and extremities. Introductory information and laboratory practice is provided with relation to radiographic equipment accessories and exposure factors. Prerequisite RAD 100 with a grade of C or higherSemester Hours 5LectureLab Hours 4 lec2 labweek

Second Semester - 15-19 Hours

Course #	Course Title	Hours
***	Natural Science (BIO110)	0-4 Hours
	Mathematics (MAT106 or MAT121 or Higher)	3 Hours
	Communications	3 Hours
RAD102	Rad Tech Clinical Exp II	3 Hours

The students information base is expanded with introduction of more complex radiographic examinations in RAD 121 classroom content. The student is again competency tested in the lab before assignment to a hospital and the student remains under direct supervision of a registered radiographer in the radiography department. Students gain additional experience through performance of procedures competently completed in the first semester. Image critique sessions are a regularly scheduled inclusion. Prerequisite RAD 101 with a grade of C or higher concurrent enrollment in RAD 121. Semester Hours 3LectureLab Hours 16 labweek

RAD111	Technical Nursing II	1 Hour

This course builds on the beginning skills and background knowledge presented in the Technical Nursing I course. This course provides students with more advanced skills and procedures necessary for functioning in their specific area of health care. A review of vital signs assessment an introduction to oxygen administration along with content for the care of patients with special problems and alternative medical treatments patients during imaging examinations of the gastrointestinal system and patients during special procedures. Introduction to pharmacology is included. Prerequisite RAD 110 with a grade of C or better.Semester Hours 1LectureLab Hours 2 labweek.

RAD121	Rad Tech Anat/Positioning II	5 Hours

The intermediate level students give attention to specific ethical issues and radiation protection practices. Study of radiographic anatomy and positioning is expanded with attention to skull spine and contrast studies of the abdominal and thoracic viscera and spine. There is continuing investigation of the theoretical and mechanical factors affecting exposure values. Laboratory practice is provided to give student experience in processing techniques and continued experience in exposure techniques. Prerequisite RAD 120 with a C or higher. Semester Hours 5LectureLab Hours 4 lec2 labweek

Summer - 8 Hours

Course #	Course Title	Hours
	Social / Behavioral Science	3 Hours
RAD103	Rad Tech Clinical Exp III	2 Hours

The student will gain experience through performance of procedures competently completed in first two semesters and complete final first-year competency evaluations. The student will perform portable procedures surgical and emergency room procedures and other complex problems involving radiographic examinations in these areas. Prerequisite RAD 102 with a grade of C or better and concurrent enrollment in RAD 122. Semester hours 2LectureLab Hours 16 labweek

RAD122	Radiologic Physics	3 Hours

An introduction to the basic concepts of radiologic physics circuitry of radiographic equipment and fundamentals of diagnostic imaging. The theory of x-ray production is related to the structures of the equipment. Theory of x-ray interaction at the atomic level is included. Prerequisite MAT 106 or MAT 121 or higher with a grade of C or better.Semester Hours 3LectureLab Hours 3 lecweek

Third Semester - 16 Hours

Course #	Course Title	Hours
	Communications	3 Hours
RAD200	Venipuncture	1 Hour

The various techniques for obtaining blood samples are taught emphasis is on quality samples and safety. Injection techniques are emphasized.Prerequisite RAD 122 with a grade of C or higher.Semester Hours 1LectureLab Hours 1 lecweek

RAD201	Rad Tech Clinical Exp IV	5 Hours

The student now functions more independently in the radiologic department to master previous skills. Emphasis is placed on examination of trauma patients surgical radiography and pediatric procedures during day evening and weekend shifts with indirect supervision of a registered radiographer. The student becomes involved in special procedure radiography including assignment for observation in special modalities. Image critique continues and final competency testing is performed by students in areas previously tested.Prerequisite RAD 103 concurrent enrollment in RAD 220. Semester Hours 5LectureLab Hours 24 hours internshipweek

RAD220	Image Production in Radiogr	3 Hours

Emphasis is placed on image production among radiographic accessories including Computed Radiography and Digital Radiography. Evaluation of image artifacts and proper quality control is summarized. Advanced imaging in Fluoroscopy is also associated with image production.Prerequisite RAD 122 with grade of C or higher. Semester Hours 3LectureLab Hours 3 lecweek

RAD221	Path/Adv Imag Modal-Diag Imag	4 Hours

The topics covered include computed tomography magnetic resonance imaging and sonography. Pathology and diagnosis through imaging as they relate to advanced modalities is introduced. In addition a review and summary of all radiographic anatomy is provided. Prerequisite RAD 122 with a grade of C or higher. Semester Hours 4LectureLab Hours 4 lecweek

Fourth Semester - 13 Hours

Course #	Course Title	Hours
RAD202	Rad Tech Clinical Exp V	5 Hours

The student continues to function more independently and performs emergency radiographic procedures during day evening and weekend shifts with indirect supervision of a registered radiographer. Image critique continues and final competency testing is performed by students in areas previously tested. Prerequisite RAD 201 with a grade of C or better concurrent enrollment in RAD 223. Semester Hours 5LectureLab Hours 24 internship hoursweek

RAD222	Ionizing Radiation in Medicine	3 Hours

This course covers the characteristics of the various applicable ionizing radiations used in diagnostic imaging. Topics include interactions of radiation and matter emission spectra fundamentals of radiobiology and systemic effects of irradiation to the human body. Radiation safety implications are stressed. Prerequisite RAD 221 with a grade of C or higher. Semester Hours 3LectureLab Hours 8-week hybrid with 3 hrsweek lecture and online requirements

RAD223	Cross Sectional Anatomy	3 Hours

Anatomy of the human body will be studied in cross section. Anatomy of the brain neck thorax abdomenpelvis and the musculoskeletal system will be presented in the axial transverse sagittal coronal and orthogonal oblique imaging planes using multiple diagnostic imaging modalities. Anatomical structure location and function will be identified using illustrations and radiographic images comparing computed tomography and magnetic resonance imaging. Angiography pharmacology and contrast will also be investigated.Prerequisite RAD 220 with a grade of C or higher or instructor consent with proof of ARRT certification.Semester Hours 3LectureLab Hours 3 lecweek

RAD224	Registry Review	2 Hours

The course is a review of previous course materials and preparation for the Registry Examination in Radiography given by American Registry of Radiologic Technologists. Mock Registry exams included in the content of the course. Prerequisite Concurrent enrollment in RAD 222Semester Hours 2LectureLab Hours 2 lecweek

Suggested Program (Option II)

Students complete the General Education Requirements prior to admission. These requirements include:

Course #	Course Title	Hours
	Communications	6 Hours
BIO108	Intro to Human Anatomy/Physiol	4 Hours

A study of introductory chemistry cells tissues and structure and function of organ systems including digestive respiratory reproductive urogenital cardiovascular-lymphatic musculoskeletal nervous immune and endocrine systems. Prerequisite NoneSemester hours 4LectureLab Hours 3 lec2 labweek

- OR -

BIO109	Human Anatomy & Physiology I	4 Hours

A study of introductory chemistry cells metabolic processes the organization of tissues the skeletal system joints and articulation the integumentary system micro and macro organization of the nervous system and somatic and special senses.Prerequisite BIO 105 or BIO 108 with a grade of C or higher OR two years of high school biology with a C or higher within the last five years AND CHE 102 or CHE 103 or CHE 105 with a grade of C or higher OR one year of high school chemistry with a grade of C or higher within the last five years.Semester hours 4LectureLab Hours 3 lec2 labweek

- AND -

BIO110	Human Anatomy & Physiology II	4 Hours

A continuation of BIO 109. BIO 110 is the study of the anatomy and physiology of the endocrine muscular cardiovascular respiratory digestive urinary immune lymphatic and reproductive systems. Additionally electrolyte pH and water balance and human development will be discussed. Prerequisite BIO 109 with a grade of CSemester hours 4LectureLab Hours 3 lec2 labweek

MAT106	Applied Mathematics	3 Hours

Applied mathematics is a fundamental course for students in technical and career programs. The course includes fundamental mathematics algebra geometry right triangle trigonometry business mathematics and statistical concepts which are applied to the solution of practical problems. Scientific notation metrics and use of the calculator are also covered. Prerequisite A grade of C of better in MAT 075 or MAT 078 or higher OR appropriate placement.Semester Hours 3LectureLab Hours 3 lecweek

- OR -

MAT121	College Algebra	4 Hours

Topics extended to the college level include real numbers exponents and radicals polynomials and factoring fractional expressions equations and inequalities functions and their graphs conic sections and systems of equations and inequalities. New topics include zeros of polynomial functions rational functions exponential and logarithmic functions matrices sequences and the Binomial Theorem. This course requires a graphing calculator. Prerequisite A grade of C or better in MAT 081 or MAT 090 or higher OR concurrent enrollment in MAT 021 OR appropriate placement.Semester Hours 4LectureLab Hours 4 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

The Sequence of the RAD classes would then be the same as in Option I. Students considering going into advanced imaging areas should consider the following electives: MAT121, CHE103, PHY175.

Footnotes

- * MAT 121 or higher, BIO 109, 110, CHE 103, PHY 175 are recommended for those intending to continue their education.
- ** BIO 109 and BIO 110 can be used in lieu of BIO 108.
- *** For students taking BIO 109 and 110 sequence.

SOCIAL WORK

Associate in Arts Degree with a Concentration in Social Work (620)

The concentration in Social Work prepares students to transfer to four-year universities to pursue a bachelor's degree in social work.

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program.

1. Foundational courses include Introduction to Social Work (SOC 200), Introduction to Psychology (PSY 103), Introduction to Sociology (SOC 111), and American Government & Politics (PSC 163).

Competitive Admissions

Since admission is competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

1. Entry into the social work program and profession is also based on legal requirements. The Clinical Social Work and Social Work Practice Act and the National Association of Social Workers (NASW) Code of Ethics outline the laws around getting your license and practicing in the field.
2. Being fluent in a foreign language is beneficial. As social work becomes more multicultural, the field will need people who can speak and understand different languages.
3. Internship, volunteer and/or work hours in the social services field will be required.
4. The Bachelor of **Social Work** (B.S.W.) prepares students as generalist social workers for entry-level professional employment in social service agencies. **The curriculum prepares students for continuation of their studies at the graduate level.**
5. Graduate programs can offer advanced standing or dual degree options for B.S.W. graduates seeking a Master in Social Work (MSW).

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354

Minimum Total Credit Hours - 64-65 Hours

Suggested Course Sequence

First Semester - 16 Hours

Course #	Course Title	Hours
	Fine Arts	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

PSC163	Am Government & Politics	3 Hours

Students will examine American constitutional foundations and democratic values explore the role of public opinion and the character of the political process and understand the role of the media and interest groups in policy-making. Students will gain an understanding of how the major branches

of the federal government work and improve skills in evaluating and analyzing current public policy issues. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S5 900LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

Second Semester - 15 Hours

Course #	Course Title	Hours
	Personal Development	3 Hours
**	Electives	3 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Third Semester - 16 Hours

Course #	Course Title	Hours
**	Electives	6 Hours
BIO103	Introductory Biology	4 Hours

An introduction to fundamental principles of biology including nature of science basic chemistry the organization structure and function of organisms cell division reproduction genetics evolution and ecology. The course is designed for the student with minimal science background. This course will satisfy science requirements for A.A. A.S. transfer and A.A.S. degree students. For non-science majors.Credit will not be awarded for both BIO 103 and BIO 104.Prerequisite NoneSemester hours 4Illinois Articulation Initiative IAI L1 900LLectureLab Hours 3 lec2 labweek

PHL101	Intro to Logic/Formal Reason	3 Hours

A study of the principles of correct reasoning. Attention will be given to such topics as the logical use of language types of definition mathematical logic and methods of science. Emphasis is placed on understanding logical theory and on using techniques of valid reasoning. Although modern symbolic logic may be included in the content the course will focus on a humanistic approach to logic rather than a mathematical one. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 906LectureLab Hours 3 lecweek

- OR -

PHL102	Introduction to Philosophy	3 Hours

Students will read reflect on and discuss fundamental philosophical questions about topics such as truth knowledge personal identity free will moral values aesthetic values and religious beliefs. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 900LectureLab Hours 3 lecweek

- OR -

PHL103	Ethics and Social Policy	3 Hours

An examination of moral aspects of human conduct and a study of the principal ethical theories and concepts as they apply to particular moral problems and decisions. Students will be required to read selected philosophy papers and write a philosophy paper of their own. Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI H4 904LectureLab Hours 3 lecweek

SOC200	Introduction to Social Work	3 Hours

Students will be introduced to the profession of social work with an emphasis on the generalist approach. The course will encourage the student to develop reasoning capacities while examining some of the controversial contemporary issues in social welfare. Current social services available and gaps in services will be explored by the student. The student will examine the knowledge skills and values needed for effective social work practice.Prerequisite NoneSemester Hours 3LectureLab Hours 3 lecweek

Fourth Semester - 17-18 Hours

Course #	Course Title	Hours
	Physical Science	3 Hours
	Humanities / Fine Arts	3 Hours
**	Electives	5-6 Hours
SOC116	General Cultural Anthropology	3 Hours

An analysis of the origin and basis of culture - its major components cultural variation cultural evolution and cultural adaptation. Analysis of selected cultures as case studies. Prerequisite SOC 115 is recommended.Semester Hours 3Illinois Articulation Initiative IAI S1 901NLectureLab Hours 3 lecweek

PSY270	Drugs:Examining Effects/Social	3 Hours

This course is designed to improve knowledge about substance use. It will help the student understand the general phenomena of substance use etiology psychological and biological effects impact on individual functioning legal social and treatment issues. Students will acquire a broad overview of the field. Prerequisite PSY 103 or consent of instructor. 3 Semester hoursLectureLab Hours 3 lecweek

Footnotes

* Approved Non-Western or human diversity course recommended

** Suggested electives include ECO 211, PHL 101, PSY 217, SOC 112, SOC 251

SOCIOLOGY

Associate in Arts Degree with a Concentration in Sociology (656)

The concentration in sociology prepares students to transfer to four-year universities to pursue a bachelor's degree in sociology. Sociology studies people, organizations, and systems.

Sociology - IAI Recommended Baccalaureate Curriculum

Follow this link for career information.

Transfer Consideration

Students who have already chosen the university to which they plan to transfer should consult that institution's catalog or department advisor and an SVCC academic advisor in planning their program

Community college students are strongly encouraged to complete an Associate in Arts degree prior to transfer.

1. *Students wanting to major in sociology may have a choice of earning a B.A. or a B.S. degree, depending on the transfer institution they attend. Sociology majors typically pursue a B.A. degree, but students should consult their academic advisor on the differences between degrees.
2. A sociology major may choose to pursue a program leading to state certification in high school social science (9-12) with an option in Sociology/Anthropology. To teach in Illinois public schools, teachers must be licensed by the state of Illinois. Information regarding Illinois standards for Professional Educator license is available on the Illinois Board of Education Website at www.isbe.net. Per Illinois law, a criminal background investigation will be required on applicants for employment. Students who have questions about this law should seek counseling with SVCC faculty or advising staff early in their program to determine if specific criminal background convictions may affect their participation and eligibility.
3. Bachelor's degree programs in sociology can include degree paths in general sociology, criminology and/or anthropology. A minor may be required or recommended.
4. Students should complete Introduction to Sociology (SOC 111). Other recommended courses include Social Problems (SOC 112), Human Sexuality and Marriage (SOC 251), and Anthropology (SOC 115 and/or 116). As a part of the associate degree, students are encouraged to complete additional foundation courses especially in the social and behavioral sciences and mathematics.

Competitive Admissions

Since admission may be competitive, completing the recommended courses does not by itself guarantee admission.

Special Considerations

Sociologists typically need a master's degree or Ph.D. to enter into the occupation.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Dr. Isaac Newman, Professor, Sociology, 815-835-6400

Minimum Total Credit Hours - 64-66 Hours

Suggested Course Sequence

First Semester - 17 Hours

Course #	Course Title	Hours
*	Electives / Foreign Language	4 Hours
	Personal Development	3 Hours
COM131	Intro to Oral Communication	3 Hours

The oral communication course combines communication theory with the practice of oral communication skills. The course 1 develops awareness of the communication process 2 provides inventional organizational and expressive strategies 3 promotes understanding of and adaptation to a variety of communication contexts and 4 emphasizes critical skills in listening reading thinking and speaking.Prerequisite NoneSemester hours 3Illinois Articulation Initiative IAI C2 900LectureLab Hours 3 lecweek

ENG101	Composition I	3 Hours

This course 1 develops awareness of the writing process 2 provides inventional organizational and editorial strategies 3 stresses the variety of uses for writing and 4 emphasizes critical skills in reading thinking and writing.Prerequisite Required placement score on approved English placement test high school unweighted GPA of 3.0 or higher or a grade of C or higher in ELA 099.Semester Hours 3Illinois Articulation Initiative IAI C1 900LectureLab Hours 3 lecweek

FYE101	First Year Experience	1 Hour

The focus of this course is how to be successful in college. Study skills goal setting academic planning time and money management and information research skills are among the core topics included in this course. Within a supportive environment students will share their college experiences and develop connections with fellow students and SVCC staff. Prerequisite NoneSemester Hours 1LectureLab Hours 1 lecweek

SOC111	Introduction to Sociology	3 Hours

Students will be introduced to the perspective concepts and methods of sociology. Emphasis will be given to how the groups that make up our society function. The forces that hold groups together or cause them to change will be explored while the students examine how they learn to play roles within the family school religion peer groups and in other social settings.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S7 900LectureLab Hours 3 lecweek

Second Semester - 16 Hours

Course #	Course Title	Hours
	Electives	4 Hours
ENG103	Composition II	3 Hours

An advanced course in essay writing with emphasis on formal research ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition students receive instruction in logic and reasoning including the fundamentals of argumentative and persuasive writing. Prerequisite A grade of C or higher in ENG 101 or its equivalent or consent of instructor. Semester Hours 3Illinois Articulation Initiative IAI C1 901RLectureLab Hours 3 lecweek

MAT220	Finite Mathematics	3 Hours

A study of some major topics in finite mathematics interest annuities matrix theory matrix operations solutions of systems of inequalities linear programming by graphing and Simplex methods principles of counting and probability. Applications of these topics in business management economics social science and natural science are included. Prerequisite Grade of C or better in MAT 121 OR appropriate placement see current placement chartSemester Hours 3Illinois Articulation Initiative IAI M1 906LectureLab Hours 3 lecweek

- OR -

MAT240	Elementary Statistics	3 Hours

An introduction to basic concepts in statistical methods including measures of central tendency measures of dispersion probability theoretical and empirical distribution estimation tests of hypotheses linear regression and correlation.Prerequisite A grade of C or better in MAT 078 or MAT 081 or higher OR concurrent enrollment in MAT 040 OR appropriate placement.Semester Hours 3Illinois Articulation Initiative IAI M1 902LectureLab Hours 3 lecweek

PSY103	Introduction to Psychology	3 Hours

This course is designed to introduce the student to major concepts theories principles and research in the field of psychology. This course will survey the scientific study of human and animal characteristics and behavior. Major topics from biological behavioral cognitive personality developmental abnormal and social psychology theory and research will be emphasized. Universal characteristics and individual differences will be explored.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S6 900LectureLab Hours 3 lecweek

SOC112	Social Problems	3 Hours

A study of the nature of social problems including strategies for achieving social change. Students will participate in the selection and presentation to the class of the specific problems to be considered. Investigation of local communities will constitute an important aspect of the course.Prerequisite None though SOC 111 is highly recommended.Semester Hours 3Illinois Articulation Initiative IAI S7 901LectureLab Hours 3 lecweek

Third Semester - 15-17 Hours

Course #	Course Title	Hours
**	Life Science	3-4 Hours
	Electives	3-4 Hours
	Fine Arts	3 Hours
SOC115	Intro to Anthropology	3 Hours

This course is a study of the biological and cultural origins and variations of human beings.Humans adaptation to different natural environments and resulting modes of social-cultural systems and behaviors are emphasized via selected case studies of extinct and extant human groups. Principles of human evolution ethnography and ethnology archaeology and linguistics shall be addressed throughout the course.Prerequisite NoneSemester Hours 3Illinois Articulation Initiative IAI S1 900NLectureLab Hours 3 lecweek

SOC251	Human Sexuality and Marriage	3 Hours

This course is a survey of the contemporary family from historical and cross-cultural perspectives. This course explores the psychological sociological and biological perspectives on human sexuality dating marriage singles families as well as separation divorce. Topics addressed will include relationship types trends in mate selection marriage singlehood family functions structures uncoupling child rearing work gender power conflict and communication within the family.Prerequisite None although either PSY 103 or SOC 111 is highly recommendedSemester HOurs 3Illinois Articulation Initiative IAI S7 902LectureLab Hours 3 lecweek

Fourth Semester - 15-17 Hours

Course #	Course Title	Hours
	Humanities / Fine Arts	3 Hours
**	Physical Science	3-4 Hours
	Electives	3-4 Hours
	Humanities	3 Hours
SOC116	General Cultural Anthropology	3 Hours

An analysis of the origin and basis of culture - its major components cultural variation cultural evolution and cultural adaptation. Analysis of selected cultures as case studies. Prerequisite SOC 115 is recommended.Semester Hours 3Illinois Articulation Initiative IAI S1 901NLectureLab Hours 3 lecweek

Footnotes

* B.A. degree may require competency in a single foreign language through the third or fourth college semester or three to four years of a high school foreign language. B.S. degree may require more courses in mathematics, statistics and/or computer science. Consult an academic advisor for more information.

** One lab science required.

SOLAR ENERGY TECHNICIAN

Certificate
Solar Energy Technician (H80)

This program prepares students to enter the workforce as solar energy installers and technicians. They will have knowledge in electrical and mechanical components and acquire troubleshooting skills on those components. Students completing this program may pursue certification in their field.

Work and Employment

Students completing this program are prepared to work as field service technicians, NS/OE installers.

Special Considerations

Workers usually have the following skills and aptitudes: the ability to do precise and detailed work, use good eye-hand coordination, notice and compare differences in objects, have mathematical and mechanical aptitudes, are analytic, curious and creative.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Jeff Johnson, Multicraft Instructor, 815-835-6572

Total Hours Required - 18 Hours

Major Field Requirements

Course #	Course Title	Hours
ELT101	Electrical Wiring	3 Hours

Students will be introduced to basic electrical wiring as it applies to residential occupancies placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohms Law and be taught to wire series and parallel circuits install single-pole three-way and four-way switches duplex receptacles and service panels and troubleshoot circuits.Prerequisite NoneSemester Hourss 3LectureLab Hours 2 lec2 labweek

ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT261	National Electric Code	3 Hours

A study of National Electric Code specifications with emphasis placed on proper installation of all circuits. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 3 lecweek

ENE130	Photovoltaics	3 Hours

The course will cover the basic principles of photovoltaics and how to effectively incorporate PV systems into stand-alone or interconnected electrical systems. The course will cover site evaluations operation design and sizing installation and advantages and disadvantages of different systems.Prerequisite ELT 120 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 9 Hours

Course #	Course Title	Hours
ELT101	Electrical Wiring	3 Hours

Students will be introduced to basic electrical wiring as it applies to residential occupancies placing special emphasis on National Electric Code requirements. Students will develop an understanding of Ohms Law and be taught to wire series and parallel circuits install single-pole three-way and four-way switches duplex receptacles and service panels and troubleshoot circuits.Prerequisite NoneSemester Hourss 3LectureLab Hours 2 lec2 labweek

ELT120	Fund of Elec w/ Applied Math	3 Hours

This course provides basic electricity fundamentals basic control strategies and electrical symbols. The class will provide the student with an understanding of basic electrical theory schematic and wiring diagram symbols motor theory wiring and electrical troubleshooting. Conventional current will be used to define current flow. Applied mathematical concepts are incorporated into the course as required for successful understanding of objectives.Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec2 labweek

IND118	Mechanical Systems	3 Hours

.The course will contain all information needed for a maintenance technician to successfully perform at a high level in their job. The course material will cover mechanical systems focusing on analysis of mechanical components their relationships to each other and failure prediction. General rigging will also be covered. Prerequisite ELT 120 may be taken concurrently or MAT 106 may be taken concurrentlySemester Hours 3LectureLab Hours 2 lec2 labweek

Second Semester - 9 Hours

Course #	Course Title	Hours
ELT259	Industrial & Agric Wiring	3 Hours

This course is a study of industrial and agricultural electrical systems. Emphasis will be placed on installation and troubleshooting of motor and electrical distributions. Prerequisite ELT 120 Semester Hours 3LectureLab Hours 2 lec2 labweek

ELT261	National Electric Code	3 Hours

A study of National Electric Code specifications with emphasis placed on proper installation of all circuits. Prerequisite ELT 101 or ELT 120Semester Hours 3LectureLab Hours 3 lecweek

ENE130	Photovoltaics	3 Hours

The course will cover the basic principles of photovoltaics and how to effectively incorporate PV systems into stand-alone or interconnected electrical systems. The course will cover site evaluations operation design and sizing installation and advantages and disadvantages of different systems.Prerequisite ELT 120 or consent of instructor. Semester Hours 3LectureLab Hours 2 lec2 labweek

WELDER: ADVANCED

Certificate
Welder: Advanced (H49)

The SVCC welding program has been specifically designed to meet the needs of the local employers, specifically the manufacturers, which make up 30% of the employment in the SVCC college district.

Work and Employment

The advanced welder certificate is an extension of the entry level welding certificate. Individuals in this certificate can also be employed with several different manufacturing companies, including, but not limited to, heavy machine manufacturing, garage door makers, steel mill, radiator manufacturing, agricultural manufacturing, and other local companies. Advanced welders normally demand a higher salary to start than entry level welders due to the more advanced skills they possess.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Scott Gillihan, Welding Instructor, 815-835-6278

Total Hours Required - 16 Hours

Major Field Requirements

Course #	Course Title	Hours
WLD101	Industrial MIG Welding	2 Hours

This course is designed to provide students with a thorough understanding of arc welding fundamentals including welding safety MIG welding blueprint reading welding symbols AWS 14.3 welding standard air carbon arc reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet and groove welds in flat and horizontal position. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD102	Shielded Metal Arc Welding	3 Hours

This course introduces the fundamental theory safety practices equipment and techniques required for shielded metal arc welding SMAW in the flat horizontal vertical and overhead positions. Qualification tests in flat horizontal vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD104	TIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Tungsten Inert Gas TIG arc welding fundamentals also referred to as Gas Tungsten Arc Welding GTAW including the following topics welding safety power sources machine setup adjustment and maintenance identification of welding defects and quality welds filler wire selection shielding gas selection testing procedures other TIG processes including stainless steel and aluminum. Training to develop the manual skills necessary to make high quality TIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positions. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD140	Robotic Welding	3 Hours

This course is designed to give students hands-on understanding of robotic are welding. Topics to be covered include safely jogging the robot setting up welding equipment robotic welding teach pendent robotic welding parameters motion types programming examples saving and backing up robot

programs and controller files. Students will develop robotic welding programs using robot controllers application software and hardware.Prerequisite WLD 103 MIG Welding or WLD 106 Fundamentals of Welding. Corequisite WLD 103 or WLD 106 can be taken concurrently with WLD 140Semester Hours 3LectureLab Hours 2 lec2 labweek

Suggested Program

First Semester - 7 Hours

Course #	Course Title	Hours
WLD101	Industrial MIG Welding	2 Hours

This course is designed to provide students with a thorough understanding of arc welding fundamentals including welding safety MIG welding blueprint reading welding symbols AWS 14.3 welding standard air carbon arc reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet and groove welds in flat and horizontal position. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD102	Shielded Metal Arc Welding	3 Hours

This course introduces the fundamental theory safety practices equipment and techniques required for shielded metal arc welding SMAW in the flat horizontal vertical and overhead positions. Qualification tests in flat horizontal vertical and overhead positions are used in the evaluation of student progress toward making industrial standard welds. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

Second Semester - 9 Hours

Course #	Course Title	Hours
WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD104	TIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Tungsten Inert Gas TIG arc welding fundamentals also referred to as Gas Tungsten Arc Welding GTAW including the following topics welding safety power sources machine setup adjustment and maintenance identification of welding defects and quality welds filler wire selection shielding gas selection testing procedures other TIG processes including stainless steel and aluminum. Training to develop the manual skills necessary to make high quality TIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positions. Prerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

WLD140	Robotic Welding	3 Hours

This course is designed to give students hands-on understanding of robotic are welding. Topics to be covered include safely jogging the robot setting up welding equipment robotic welding teach pendent robotic welding parameters motion types programming examples saving and backing up robot programs and controller files. Students will develop robotic welding programs using robot controllers application software and hardware.Prerequisite WLD 103 MIG Welding or WLD 106 Fundamentals of Welding. Corequisite WLD 103 or WLD 106 can be taken concurrently with WLD 140Semester Hours 3LectureLab Hours 2 lec2 labweek

WELDER: ENTRY LEVEL

Certificate
Welder: Entry Level (H48)

The SVCC welding program has been specifically designed to meet the needs of the local employers, specifically the manufacturers which make up 30% of the employment in the SVCC college district.

Work and Employment

The entry-level welder can be employed with several different manufacturing companies including, but not limited to, heavy machine manufacturing, garage door makers, steel mill, radiator manufacturing, agricultural manufacturing, and other local companies.

Special Consideration

To obtain employment as an entry level welder, most individuals will be required to possess a high school diploma or GED. A drug test has become customary in most warehousing and distribution companies before hiring.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Scott Gillihan, Welding Instructor, 815-835-6278

Total Hours Required - 4 Hours

Major Field Requirements

Course #	Course Title	Hours
WLD101	Industrial MIG Welding	2 Hours

This course is designed to provide students with a thorough understanding of arc welding fundamentals including welding safety MIG welding blueprint reading welding symbols AWS 14.3 welding standard air carbon arc reclaim welding and cutting. Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet and groove welds in flat and horizontal position. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WELDING: ROBOTIC WELDING

Certificate
Welding: Robotic Welding (H46)

The SVCC welding program has been specifically designed to meet the needs of the local employers, specifically the manufacturers, which make up 30% of the employment in the SVCC college district. The robotic welding certificate has been designed for welding students to build a hands-on understanding of robotic arc welding. Students will cover safety jogging the robot, setting up welding equipment, robotic welding teach pendent, robotic welding parameters, motion types, programming examples, and saving and backing up robot programs and controller files.

Work and Employment

This program will prepare students to work at industries which are beginning to convert from human welders to robots. A certificate in robotic welding would make advanced welders who graduate from Sauk Valley Community College more flexible when finding work upon entering the work force. They will be able to not only demonstrate proficiency in MIG, TIG, and Shielded Metal Arc Welding, but also a strong understanding of the use of robotic welding.

Follow this link for career information.

Program Contacts at Sauk Valley Community College

- Academic Advising, 815-835-6354
- Scott Gillihan, Welding Instructor, 815-835-6278

Total Hours Required - 5-6 Hours

Major Field Requirements

Course #	Course Title	Hours
WLD103	MIG Welding	3 Hours

This course is designed to provide students with a thorough understanding of the Metal Inert gas MIG arc welding fundamentals also referred to as gas metal arc welding GMAW including the following topics welding safety power sources and wire feeders machine setup adjustment and maintenance identification of welding defects and quality welds metal transfer methods wire selection shielding gas selection and testing procedures Training to develop the manual skills necessary to make high quality MIG welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove and overlap welds in flat horizontal vertical and overhead positionsPrerequisite NoneSemester Hours 3LectureLab Hours 2 lec 2 labweek

- OR -

WLD106	Welding Fundamentals	2 Hours

This course is designed to provide students with a thorough understanding of the basics of Metal Inert Gas MIG arc welding fundamentals also referred to as Gas Metal Arc Welding GMAW and stick welding also referred to as Shielded Metal Arc Welding SMAW including the following topics welding safety power sources and wire feeders machine set up adjustment and maintenance identification of welding defects and quality welds and welding

techniques. Training to develop the manual skills necessary to make high quality MIG and SMAW welds is included with emphasis placed in the areas of various joint configurations single pass multiple pass fillet groove overlap welds in a flat position. Oxyacetylene cutting equipment setup and safety will also be emphasized. Prerequisite NoneSemester Hours 2LectureLab Hours 1 lec 2 labweek

WLD140	Robotic Welding	3 Hours

This course is designed to give students hands-on understanding of robotic are welding. Topics to be covered include safely jogging the robot setting up welding equipment robotic welding teach pendent robotic welding parameters motion types programming examples saving and backing up robot programs and controller files. Students will develop robotic welding programs using robot controllers application software and hardware.Prerequisite WLD 103 MIG Welding or WLD 106 Fundamentals of Welding. Corequisite WLD 103 or WLD 106 can be taken concurrently with WLD 140Semester Hours 3LectureLab Hours 2 lec2 labweek

Sauk Valley Community College

Sauk Valley Community College is dedicated to teaching and scholarship while engaging the community in lifelong learning, public service, and economic development.

173 IL Route 2 • Dixon, IL 61021
svcc.edu • 815.288.5511