(076) Associate in Applied Science

Graduates of the Computer Software Technology program are prepared to enter the workforce as information support staff, administrative assistants, or other office positions in private business and governmental organizations. Majors study the theory, design, development, and application of computer technology to computer information systems, and develop in-depth knowledge on the operation and structure of major business software packages. The degree allows the student to choose electives towards a student-selected specialization in information systems support, administrative assistant roles in general business, legal offices, or medical offices.

Work and Employment

The rapid spread of computers and computer-based technologies in recent years has generated need for skilled, highly trained workers. 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 for computers and improvements to the software already in use. 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 through the use of automation. Click here for further career information: https://www.svcc.edu/academics/programs/individual/076.html

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.

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

- BUS 103 - Intro to Business (3 Semester Hours)
- BUS 106 - Business Mathematics I (3 Semester Hours)
- CIS 104 - Word Processing Software (2 Semester Hours)
- CIS 106 - Spreadsheet Software (3 Semester Hours)
- CIS 108 - Database Software (3 Semester Hours)
- CIS 109 - Introduction to Computers (3 Semester Hours)
- CIS 130 - Information Systems Management (3 Semester Hours)
- CIS 132 - Cloud Productivity (2 Semester Hours)
- CIS 143 - Desktop Publishing Software (3 Semester Hours)
- CIS 148 - Business Presentation Graphics (1 Semester Hours)
- CIS 167 - A+ Certification (3 Semester Hours)
- CIS 210 - Systems Analysis & Design (3 Semester Hours)
- CIS 214 - Computer Operating Systems (3 Semester Hours)
- CIS 229 - Database Management Systems (3 Semester Hours)
- CIS 235 - Occupational Internship I (3 Semester Hours)
- OAS 103 - Basic Keyboarding & Doc Proc (4 Semester Hours)
- CIS 231 - Occupational Seminar I (1 Semester Hours)

General Education Requirements - 15 Hours

- Humanities/Fine Arts 3 Semester hour(s)
- Social/Behavioral Science 3 Semester hour(s)

- Physical/Life Science 3 Semester hour(s)
- ENG 101 - Composition I (3 Semester Hours)
- ENG 111 - Bus/Technical Communication (3 Semester Hours)

SVCC Requirement - 1 Hours

- FYE 101 - First Year Experience (1 Semester Hours)

Suggested Program

First Semester - 15 Hours

- Physical/Life Science 3 Semester Hour(s)
- BUS 103 - Intro to Business (3 Semester Hours)
- CIS 109 - Introduction to Computers (3 Semester Hours)
- ENG 101 - Composition I (3 Semester Hours)
- FYE 101 - First Year Experience (1 Semester Hours)
- OAS 103 - Basic Keyboarding & Doc Proc (4 Semester Hours)

Second Semester - 15 Hours

- Electives: Soc/Behavioral Science 3 Semester Hour(s)
- BUS 106 - Business Mathematics I (3 Semester Hours)
- CIS 104 - Word Processing Software (2 Semester Hours)
- CIS 106 - Spreadsheet Software (3 Semester Hours)
- CIS 148 - Business Presentation Graphics (1 Semester Hours)
- ENG 111 - Bus/Technical Communication (3 Semester Hours)

Third Semester - 14 Hours

- CIS 130 - Information Systems Management (3 Semester Hours)
- CIS 132 - Cloud Productivity (2 Semester Hours)
- CIS 143 - Desktop Publishing Software (3 Semester Hours)
- CIS 167 - A+ Certification (3 Semester Hours)
- CIS 210 - Systems Analysis & Design (3 Semester Hours)

Fourth Semester - 16 Hours

- Electives: Hum/FA 3 Semester Hour(s)
- CIS 108 - Database Software (3 Semester Hours)
- CIS 214 - Computer Operating Systems (3 Semester Hours)
- CIS 229 - Database Management Systems (3 Semester Hours)
- CIS 231 - Occupational Seminar I (1 Semester Hours)
- CIS 235 - Occupational Internship I (3 Semester Hours)