

“Drawing Board” for a Tech Prep Program

Business CLUSTER				
<i>Rock Falls High School</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
MATH	Alg. IA Alg. I Geometry	Alg. 1B Geometry Adv. Alg.	Geometry Adv. Alg. Pre-Calc.	
ENGLISH/ SPEECH	English 1	English 2 Speech	Junior English	Senior English
SCIENCE	Bio. 1	E/G Science	Bio. II or Chem. 1	Chem. II Physics
SOCIAL STUDIES/ FINE ARTS	Civics	W. Geog. W. History	American History Cons. Ed	Am. Govt. Economics
(COMPUTER) TECHNOLOGY	<u>Introduction to Bus Tech</u>	<u>Computer Concepts 1</u>	<u>Computer Concepts 2</u>	

Computer Information Systems- Microcomputer Application (Career Major)			
<i>Sauk Valley Community College</i>			
Freshman		Sophomore	
MAT 106 or higher-3-4 hrs.			
ENG 101- Composition I- 3 hrs.			ENG 111- Bus. & Tech. Communication- 3 hrs.
		Physical/Life Science-3-4 hrs.	
	Social/ Behavioral Science-3 hrs.		Humanities/ Fine Arts- 3 hrs.
CIS 109- Intro. to Micro./ Windows-3 hrs.	CIS 106- Micro. Spreadsheet Software- 2 hrs. CIS 108- Windows Data. Applications- 2 hrs.	CIS 160- Intermediate Microcomputer Applications- 3 hrs.	CIS 260- Systems Design Practicum- 3 hrs.
		CIS 130- Information Systems Management- 3 hrs.	

OTHER	PE 1 / Health	PE 2/ Dr. Ed	PE 3	PE 4
TECHNICAL CORE			Accounting I	Accounting II
TECHNICAL CORE			Business Law	Sports Marketing
WACC OPPORTUNITY, INTERNSHIP EXP., DUAL CREDIT			WACC-Computer Technology I	

PSY 100- Orientation- 1 hr.	ACC 102- Managerial Accounting- 4 hrs.	CIS 137- Intro. to Desktop Publishing- level I-1 hr.	
ACC 101- Financial Accounting- 4 hrs.	CIS 182- Research & the Internet- 1 hr.	CIS 148- Business Presentation Graphics- 1 hr.	CIS 167- A+ Certification- 3 hrs.
BUS 103- Intro. to Business- 3 hrs.	OAS 141- Word Processing with Microcomputer s-2 hrs.	CIS 117- Introduction to Web Design- 1 hr.	CIS 214 Computer Operating Systems 3 hrs.
	CIS 299- Database Management Systems- 3 hrs.	CIS 210- Systems Analysis and Design- 3 hrs.	

Recommended High School Electives:

Computer Application, business & Accounting courses

Relevant Articulated/Dual Credit Courses:

WACC-Computer Technology I
 CIS 151- 1 hr., CIS 167- 3 hrs., CIS 190- 2 hrs.
 CIS 117- 1 hr., CIS 137-1hr. (if offered)

SVCC Associate in Applied Science Degree:

Computer Information Systems-Microcomputer Applications

SVCC Certificate:

Computer Information Systems- Microcomputer Applications Specialist I

SVCC Certificate:

Computer Information Systems- Microcomputer Applications Specialist II

Cluster Related Careers:

Computer Engineer-\$64,000-67,000
 Computer Systems Analyst-\$62,000-66,000
 Computer Programmer-\$55,000-60,000
 Computer Security Specialist-\$50,000-55,000

Computer Database Administrator-\$50,000-53,000

Computer Support Specialist-\$38,000-42,000

**Select 11 hours from: CIS 101, CIS 105, CIS 119, CIS 121, CIS 139, CIS 147, CIS 180, CIS 182, CIS 185, CIS 244, CIS 245, CIS 246, OAS 103