

“Drawing Board” for a Tech Prep Program

Business CLUSTER				
<i>Ohio High School</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
MATH	Algebra I	Geometry	Algebra II	Math IV
ENGLISH/ SPEECH	English I	English II Speech	English III	English IV-Life Long Skills Honors English
SCIENCE	Biology/ Zoology	Science Elective	Physics	Chemistry
SOCIAL STUDIES/ FINE ARTS	World History	World Geography	US History	Government Consumer Education
(COMPUTER) TECHNOLOGY	<u>Computer Tech I Computer Tech II</u>	<u>Desktop Publishing Computer Tech III/IV</u>	<u>Desktop Publishing Computer Tech III/IV</u>	<u>Desktop Publishing Computer Tech III/IV</u>

Computer Information Systems- Microcomputer Applications (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. Communicatio n- 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 130- Information Systems Management- 3 hrs.	CIS 260- Systems Design Practicum- 3 hrs.

OTHER	PE	PE	PE	PE	PSY 100-Orientation-1 hr.	ACC 102-Managerial Accounting-4 hrs.	CIS 137-Intro. to Desktop Publishing-level I-1 hr.	
TECHNICAL CORE	Business Concepts I Business Concepts II	Business Concepts I Business Concepts II	Electronics I & II	Electronics I & II	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.
TECHNICAL CORE			Accounting I & II	Accounting I & II	BUS 103-Intro. to Business-3 hrs.	OAS 141-Word Processing with Microcomputers-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.	
WACC OPPORTUNITY, INTERNSHIP EXP., DUAL CREDIT			WACC-Computer Technology I					

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