Associate in Science

Information Technology Program
Web Site Design & Development Concentration

To graduate in the Information Technology Program – Web Site Design & Development Concentration, a student must complete the following required course of study.

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
General Education						
ART207 (or) ART210 (or) ART214	Graphic Design I (or) Graphic Production & Layout I (or) Digital Imaging I	3	ART210 or ART214 or ART205 (or) GIT110 (or) computer experience	Fall & Spring Fall -		
COM103	Oral Communication	3	ENL010	every		
ENL101	English Composition I	3	ENL050 or ESL201			
	Social Science	3				
	Behavioral Science	3				
	Mathematics (or) Natural Science	3/4				
	General Education elective	3				
Professional Education						
GIT110	Microcomputer Application Software*	3	GIT102, ENL020, ENL050	every		
GIT180	Intro. to the Internet	3	ENL020, ENL050	-		
GIT102	Computer Keyboarding (or) 30wpm	1	None (or) 30wpm	-		
BIT113	Microcomputer Hardware	3	MAT020, ENL020, ENL050	-		
GIT150	Database Applications	3	GIT120, GIT108 or GIT110	-		
GIT105	Office Communication Systems	3	ENL020, ENL050	Fall		
GIT183	Web Site Design and Scripting	3	GIT110	-		
GIT184	Web Authoring and Graphic Tools	3	GIT110	-		
BIT115	Operating Systems	3	GIT110	-		
CSC110	Computer Programming I: Java	3	MAT030	Fall & Spring		
BIT283	Client and Server-side Web Scripting	3	GIT183, CSC110	Fall & Spring		
CSC130 (or) BIT220	Computer Programming II: Java (or) Internet Multimedia Development	4/3	CSC110 (or) GIT183, GIT184	Spring		
BIT285	Advanced Topics in Web Development	3	GIT150, BIT283, CSC110	Fall & Spring		
BIT261	IT Cooperative Work Experience (or) Business elective	3	Permission of IT program coordinator	-		
Total Credits:		**61/62/63**				

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Overview: Students in the Web Site Design and Development concentration develop skills in project management and teamwork while learning how to design and develop web sites using HTML, Java, JavaScript, CGI, Perl, database technologies, and web authoring and graphic software. Students in this concentration are thoroughly grounded in microcomputer knowledge including operating systems, hardware.

Career Outlook: Students completing the Web Site Design and Development concentration are prepared for employment as web site designers, web application developers, and web masters.

Program Outcomes: Upon completion of the Information Technology program, students will be able to:

- Read, write, discuss and think critically about topics and ideas in information and/or office technology
- Analyze ethical issues and apply ethical standards in the performance of responsibilities in a variety of information and office technology careers
- Synthesize information from communications, information technology, office technology, and business to provide customer service and solve business problems
- Assume positions in a variety of information and office technology careers
- Work well with teams in a information or office technology setting
- Transfer to baccalaureate programs.

* If waived, must be replaced with an Information Technology or Computer Science course.