Associate in Science
Information Technology Program

To graduate in the Information Technology Program, a student must complete the following required course of study.

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
General Education						
ENL101	English Composition I	3	Appropriate scores in Reading Comprehension & in Sentence Skills on CPT or grade of C or better in ENL020 & ENL050 or ESL201	Fall, Spring, Summer		
COM103	Human Communication	3	ENL010 or ESL102 or satisfactory basic skills assessment score	Fall, Spring, Summer		
	Behavioral and Social Sciences	3				
	Behavioral and Social Sciences	3				
	Mathematics/Quantitative Reasoning	3				
	Mathematics/Quantitative Reasoning (or) Natural or Physical Science	3 (or) 4				
	General Education elective	3				
Professional Education						
BUS100	Introduction to Business	3	None	Fall, Spring, Summer		
ACC111 (or) ACC201	Accounting I with Computer Applications (or) Financial Accounting	3	MAT020 & ENL020 or satisfactory basic skills assessment scores (or) (BUS100 or HRM140), GIT110, MAT030 & ENL020 or satisfactory basic skills assessment scores	Fall, Spring Fall, Spring, Summer		
BUS120	Business Law	3	None	Fall, Spring, Summer		
GIT110	Microcomputer Application Software*	3	GIT102 or equivalent, ENL020 & ENL050 or satisfactory basic skills assessment score	Fall, Spring, Summer		
BIT113	Microcomputer Hardware	3	ENL020, ENL050 & MAT020 or satisfactory basic skills assessment score	Fall, Spring		
	Information Technology elective***	3				
BIT115	Operating Systems	3	GIT110	Fall, Spring		
GIT150	Database Applications	3	GIT108 or GIT110 or equivalent skill level in Windows	Fall, Spring		
BIT187	Networking Essentials	3	Co-requisite: BIT115	Fall, Spring		
GIT183	Web Site Design and Scripting	3	GIT110	Fall, Spring		
	First-level Programming Course**	3				
	Advanced IT elective****	3				
BIT261	IT Cooperative Work Experience (or) Advanced IT Elective****	3	Completion of at least 2 semesters of business & IT courses and/or comparable practical work experience. Permission of IT Coordinator	Fall, Spring, Summer		
Total Credits:		60/61				

* If challenged or waived, an Information Technology elective may be substituted.
** BIT175 Visual Basic Programming, CSC110 Computer Programming I: Java, or CSC120 Computer Programming I: C++
*** Any course with a GIT, BIT, or CSC designation.
**** 200-level Information Technology course

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Overview

Students in the A. S. Information Technology program acquire a wide range of technical skills that prepare them for various positions in the information technology field. Since many technology clusters are available in the IT field, the IT program provides a foundation in software development, database administration, networking, and web development.

Career Outlook

Currently, there is a strong demand for well-trained, competent workers in information technology. Students completing the general degree program are prepared for entry-level positions in the IT field. Students who desire to advance in the field are encouraged to select advanced IT courses in a concentration.

Program Outcomes

Upon completion of the Information Technology program, students are 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.