Associate in Science

Information Technology Program
Application Specialist Concentration

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

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
General Education						
COM103	Oral Communication	3	ENL010	every		
ENL101	English Composition I	3	ENL050 or ESL201	every		
ECO118 (or) ECO117	Principles of Microeconomics (or) Principles of Macroeconomics	3		-		
	Language Arts (or) Fine and Performing Arts	3				
	Social Science (or) Behavioral Science	3				
	Mathematics (or) Natural Science	3/4				
	General Education elective	3				
Professional Education						
BIT111	Introduction to Information Technology	3	ENL020, ENL050	-		
GIT110	Microcomputer Application Software	3	GIT102, ENL020, ENL050	-		
BIT113	Microcomputer Hardware	3	MAT020, ENL020, ENL050	-		
GIT102	Computer Keyboarding	1		-		
BIT115	Operating Systems	3	GIT110	-		
ACC111	Accounting I with Computer Applications	3	MAT020, ENL020	-		
BIT175	Visual Basic Programming	3	MAT030, GIT110, BIT110	-		
GIT220	Advanced Word Processing Applications	3	GIT120 or GIT110	-		
BIT187	Networking Essentials	3	BIT113; Co-requisite: BIT115	-		
GIT150	Database Applications	3	GIT120, GIT108 or GIT110	-		
GIT126 (or) ART210	Electronic Publishing (or) Graphic Production & Layout I	3	Co-requisite: GIT120, GIT108, or GIT110 (or) GIT110; ART130 recommended	Fall		
BIT270	Systems Analysis	3	BIT111 and 12 credit hours of IT and/or CS courses, including at least one programming course or programming experience that includes file/table operations	-		
GIT125	Spreadsheet Applications for Business	3	GIT110 or GIT120 & ACC111 or ACC201	Spring		
BIT261	IT Cooperative Work Experience (or) Business elective	3	Permission of IT program coordinator	-		
Total Credits:		**61/62**				

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Overview: Students in the Application Specialist concentration are thoroughly grounded in microcomputer knowledge including operating systems, hardware, and networking basics. Students develop skills in project management and teamwork while mastering the advanced and administrative features of business application software including word processing, spreadsheets, relational database, and presentation graphics. Students are prepared to take the Microsoft Office User Specialist exams for several of the Microsoft Office Products.

Career Outlook: Students completing the Application Specialist concentration are prepared to be information processors, application support personnel and applications administrators in networked office environments.

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.