

GER 101	Elementary German I	4
GER 102	Elementary German II	4
MGT 101	Principles of Management	3
MGT 120	Small Business Management	3
MGT 121	Small Business Operations	3
MGT 150	Fundamentals of Supervision	3
MGT 160	Managerial Motivation	3
MGT 201	Human Resource Management	3
MGT 210	Employee Selection and Retention	3
MGT 270	Managerial Communication	3
MKT 101	Marketing	3
MKT 110	Retailing	3
MKT 120	Sales Principles	3
MKT 135	Customer Service Techniques	3
MKT 210	Merchandising	3
MKT 240	Advertising	3
MKT 250	Consumer Behavior	3
MKT 260	Marketing Management	3
SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4

**Prerequisite of AOT 105 or equivalent*

***May substitute ACC 101*

Computer Technology

Associate in Applied Science

Computer Programming Career Path

Credit Requirements: 72 Semester Credit Hours

This program prepares students for employment as programmers.

Recommended Sequence of Courses

First Semester – Fall

CPT 102	Basic Computer Concepts	3
CPT 172	Microcomputer Database	3
CPT 232	C++ Programming I	3
ENG 101	English Composition I	3
MAT 109	College Algebra with Modeling	3
or		
MAT 110	College Algebra	3
or		
MAT 120	Probability and Statistics	3

Total 15

Second Semester – Spring

ACC 101	Accounting Principles I	3
CPT 220	e-Commerce	3
CPT 233	C++ Programming II	3
CPT 242	Database	3
CPT 257	Operating Systems	3

Total 15

Third Semester – Summer		
BUS 101	Introduction to Business	3
CPT 236	Introduction to Java Programming	3
IST 220	Data Communications	3
IST 239	Datum and JavaScript	3
Total 12		

Fourth Semester – Fall

CPT 212	Visual Basic Programming	3
CPT 239	Active Server Pages	3
or		
CPT 283	PHP Programming I	3
CPT 270	Advanced Microcomputer Applications	3
IST 272	Relational Database	3
MGT 270	Managerial Communication	3
Total 15		

Fifth Semester – Spring

CPT 244	Data Structures	3
CPT 264	Systems and Procedures	3
CPT 288	Computer Game Development	3
or		
IST 235	Handheld Computer Programming	3
ECO 210	Macroeconomics	3
REQ HUM	Select one course from Humanities listing on page B-3	3

Total 15

Computer Technology

Associate in Applied Science

Information Systems Specialist Career Path

Credit Requirements: 72 Semester Credit Hours

This program prepares students for careers in a variety of information technology areas. It gives students a foundation in computer hardware, computer applications, computer programming, the Internet and computer networking. Information systems administrators are involved in many different aspects of computer technology and can expect to employ their skills in a variety of ways to assist all computer users in commercial settings. This program also allows students to become independent contractors, working with individuals and small businesses to overcome computer-related problems.