

## Business Technology

### Recommended Sequence of Courses

#### First Semester – Fall

CPT 102	Basic Computer Concepts	3
CPT 114	Computers and Programming	3
CPT 124	AS/400 Operations	3
CPT 172	Microcomputer Database	3
CPT 220	e-Commerce	3

**Total 15**

#### Second Semester – Spring

CPT 207	Complex Computer Applications	3
CPT 255	Operating System Fundamentals	3
ENG 101	English Composition I	3
IST 220	Data Communications	3
MAT 109	College Algebra with Modeling	3
<b>or</b>		
MAT 110	College Algebra	3
<b>or</b>		
MAT 120	Probability and Statistics	3

**Total 15**

#### Third Semester – Summer

CPT 174	Microcomputer Spreadsheets	3
CPT 179	Microcomputer Word Processing	3
CPT 209	Computer Systems Management	3
ELE CPT	Select one course from Computer Technology Electives	3

**Total 12**

#### Fourth Semester – Fall

CPT 257	Operating Systems	3
CPT 270	Advanced Microcomputer Applications	3
ELE CPT	Select one course from Computer Technology Electives	3
ELE CPT	Select one course from Computer Technology Electives	3
MGT 270	Managerial Communication	3

**Total 15**

#### Fifth Semester – Spring

CPT 264	Systems and Procedures	3
ECO 210	Macroeconomics	3
ELE CPT	Select one course from Computer Technology Electives	3
ELE CPT	Select one course from Computer Technology Electives	3
REQ HUM	Select one course from Humanities listing on page B-3	3

**Total 15**

### Computer Technology Electives

#### Microcomputer Programming

CPT 212	Visual Basic Programming	3
CPT 232	C++ Programming I	3
CPT 233	C++ Programming II	3
CPT 244	Data Structures	3
CPT 236	Introduction to Java Programming	3

#### Internet Programming

CPT 239	Active Server Pages	3
CPT 283	PHP Programming I	3
IST 239	Datum and JavaScript	3

#### Unix Systems Operations

IST 166	Network Fundamentals	3
IST 190	Linux Essentials	3
IST 191	Linux System Administration	3
IST 192	Linux Network Applications	3

#### Cisco Routing

IST 201	Cisco Internetworking Concepts	3
IST 202	Cisco Router Configuration	3
IST 203	Advanced Cisco Router Configuration	3
IST 204	Cisco Troubleshooting	3

#### Database

CPT 242	Database	3
IST 272	Relational Database	3

#### A+

CPT 210	Computer Resource Management	3
IST 161	Introduction to Network Administration	3
IST 166	Network Fundamentals	3
IST 190	Linux Essentials	3
IST 293	IT and Data Assurance I	3

#### Computer Gaming

CPT 288	Computer Game Development	3
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#### Other

CPT 282	Information Systems Security	3
CPT 290	Microcomputer Multimedia Concepts and Applications	3
CWE	Cooperative Work Experience	
IST 162	Introduction to Workstation Networking Administration	3
IST 235	Handheld Computer Programming	3
IST 286	Technical Support Internship I	3

## General Business

### Associate in Applied Science

#### Customer Service Career Path

#### Credit Requirements: 69 Semester Credit Hours

The General Business/Customer Service career path prepares students for careers in service-related industries, including the fundamentals of customer service and the makeup of service businesses.

Students will study customer relationship management, process standards, measurement systems and the importance of human assets in a firm's internal network along with the philosophy of customer service.

**Recommended Sequence of Courses**

**First Semester – Fall**

BUS 101	Introduction to Business	3
CPT 101	Introduction to Computers	3
<b>or</b>		
CPT 102	Basic Computer Concepts	3
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
<b>or</b>		
MAT 155	Contemporary Mathematics	3
		<b>Total 12</b>

**Second Semester – Spring**

ACC 101	Accounting Principles I	3
REQ HUM	Select one course from Humanities listing on page B-3	3
MGT 101	Principles of Management	3
MGT 270	Managerial Communication	3
MKT 101	Marketing	3
		<b>Total 15</b>

**Third Semester – Summer**

BUS 121	Business Law I	3
BUS 220	Business Ethics	3
MKT 120	Sales Principles	3
MKT 130	Customer Service Principles	3
		<b>Total 12</b>

**Fourth Semester – Fall**

BAF 101	Personal Finance	3
CPT 282	Information Systems Security	3
ECO 210	Macroeconomics	3
<b>or</b>		
ECO 211	Microeconomics	3
MKT 135	Customer Service Techniques	3
TRL 102	Customer Service Management	3
		<b>Total 15</b>

**Fifth Semester – Spring**

BUS 112	Service Management Systems	3
MGT 201	Human Resource Management	3
MGT 255	Organizational Behavior	3
MKT 250	Consumer Behavior	3
ELE BMT	Select one course from Business/Management Electives on page B-59	3
		<b>Total 15</b>

**General Business**

**Associate in Applied Science**

**e-Commerce Career Path**

**Credit Requirements: 69 Semester Credit Hours**

The General Business/e-Commerce career path prepares students for careers in the buying and selling of goods and services using electronic systems. Students will gain knowledge in all aspects of conducting business over the Internet as well as how to operate an online business.

**Recommended Sequence of Courses**

**First Semester – Fall**

BUS 101	Introduction to Business	3
CPT 101	Introduction to Computers	3
<b>or</b>		
CPT 102	Basic Computer Concepts	3
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
<b>or</b>		
MAT 155	Contemporary Mathematics	3
		<b>Total 12</b>

**Second Semester – Spring**

ACC 101	Accounting Principles I	3
REQ HUM	Select one course from Humanities listing on page B-3	3
MGT 101	Principles of Management	3
MGT 201	Human Resource Management	3
MKT 101	Marketing	3
		<b>Total 15</b>

**Third Semester – Summer**

BUS 121	Business Law I	3
CPT 220	e-Commerce	3
CPT 282	Information Systems Security	3
ECO 210	Macroeconomics	3
<b>or</b>		
ECO 211	Microeconomics	3
		<b>Total 12</b>

**Fourth Semester – Fall**

BAF 101	Personal Finance	3
BUS 220	Business Ethics	3
CPT 172	Microcomputer Database	3
MGT 120	Small Business Management	3
MGT 230	Managing Information Resources	3
		<b>Total 15</b>