

## BUSINESS TECHNOLOGY

### Fourth Semester

REQ HUM	Select one course from Humanities listing on page B-3	3
ELE NSM	Select one course from Network Systems Management Electives on page B-24	3
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**Total 12**

### Fifth Semester

ECO 210	Macroeconomics	3
<b>or</b>		
ECO 211	Microeconomics	3
IST 260	Network Design	3
MGT 270	Managerial Communication	3
ELE NSM	Select one course from Network Systems Management Electives on page B-25	3

**Total 12**

## Cisco Network Administration Career Path

## Electives

IST 203	Advanced Cisco Router Configuration	3
IST 204	Cisco Troubleshooting	3
IST 205	Cisco Advanced Routing	3

## CompTIA Systems Specialist Career Path

## Electives

IST 166      Network Fundamentals      3

## Linux System Administration Career Path

## Electives

IST 191	Linux System Administration	3
IST 192	Linux Network Applications	3
IST 193	Linux Security Administration	3

## Microsoft Network Solutions Associate Career Path Electives

IST 164	Implementing Windows Network Infrastructure Services	3
IST 263	Designing Windows Network Security	3

## Microsoft Network Solutions Expert Career Path Electives

IST 163	Introduction to Server Networking Configuration Administration	3
IST 265	Designing a Windows Directory Services Infrastructure	3

## Cybersecurity and Forensics Career Path

## Electives

CPT 282	Information Systems Security	3
CRJ 233	Cyber Crimes and the Law	3
IST 268	Computer Forensics	3
IST 269	Digital Forensics	3
IST 291	Fundamentals of Network Security I	3
IST 292	Fundamentals of Network Security II	3
IST 294	IT and Data Assurance II	3

## Virtualization and Cloud Computing Career Path

## Electives

IST 196	Cloud Storage Fundamentals	3
IST 198	Cloud Essentials	3
IST 253	LAN Service and Support	3
IST 250	Network Management	3
IST 298	Advanced Cloud Computing	3

### Work Experience and Internship Career Path

## Electives

CWE 113	Cooperative Work Experience	3
CWE 123	Cooperative Work Experience	3
IST 286	Technical Support Internship I	3
IST 287	Technical Support Internship II	3

## Other Electives

CPT 220	e-Commerce	3
CPT 172	Microcomputer Database	3
CPT 242	Database	3
IST 162	Introduction to Workstation Networking Administration	3
IST 206	Cisco Remote Access	3
IST 207	Cisco Multilayer Switching	3
IST 208	Cisco Internetworking Troubleshooting	3
IST 209	Fundamentals of Wireless LANs	3
MKT 135	Customer Service Techniques	3

## Bookkeeping

## Certificate in Applied Science

**Credit Requirements: 27 Semester Credit Hours**

This program prepares you for entry-level accounting positions with basic skills in accounting, individual tax and payroll. Training in computerized accounting and electronic spreadsheets utilizing accounting applications is included in the program.

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.

