Fourth Semester		•	rity and Forensics Career Path		
REQ HUM		3	Electives	Information Contains Consider	2
ELE NSM	listing on page B-3 Select one course from Network	3	CPT 282 CRJ 233	Information Systems Security Cyber Crimes and the Law	3
ELE NOW	Systems Management Electives on		IST 268	Computer Forensics	3
	page B-24	3	IST 269		3
ELE NSM	Select one course from Network	3	IST 209	Fundamentals of Network Security I	
ELE NOW	Systems Management Electives on		IST 291 IST 292	Fundamentals of Network Security I	
	page B-24	3	IST 292 IST 294	IT and Data Assurance II	3
ELE NSM	Select one course from Network	3	131 294	11 and Data Assurance II)
LLE NOW	Systems Management Electives on		Virtualizati	ion and Cloud Computing Career Patl	h
	page B-24	3	Electives		
	Total	-	IST 196	Cloud Storage Fundamentals	3
	iotai	12	IST 198	Cloud Essentials	3
Fifth Seme	ster		IST 253	LAN Service and Support	3
ECO 210	Macroeconomics	3	IST 250		
or			IST 298	Advanced Cloud Computing	3
ECO 211	Microeconomics	3			
IST 260	Network Design	3		rience and Internship Career Path	
MGT 270	Managerial Communication	3	Electives	Comment with Employee	2
ELE NSM	Select one course from Network		CWE 113		3
	Systems Management Electives on		CWE 123	Cooperative Work Experience	3
	page B-25	3	IST 286		3
	Total	12	IST 287	Technical Support Internship II	3
Cisco Network Administration Career Path			Other Electives		
Electives	ork Administration Career rath		CPT 220	e-Commerce	3
IST 203	Advanced Cisco Router		CPT 172		3
151 203	Configuration	3	CPT 242		3
IST 204	Cisco Troubleshooting	3	IST 162	Introduction to Workstation	
IST 205	Cisco Advanced Routing	3		Networking Administration	3
101 203	Cisco ravaneca Routing	5	IST 206		3
CompTIA S	ystems Specialist Career Path		IST 207	Cisco Multilayer Switching	3
Electives			IST 208	Cisco Internetworking	
IST 166	Network Fundamentals	3			3
Linux Cuata	um Administration Caroor Bath		IST 209		3
Electives	em Administration Career Path		MKT 135	Customer Service Techniques	3
IST 191	Linux System Administration	3			
IST 191 IST 192	Linux Network Applications	3	Doold	ooning	
IST 192 IST 193	Linux Security Administration	3	DOUKK	eeping	
131 173	Linux Security Administration	3	Certificate	in Applied Science	
Microsoft N	letwork Solutions Associate Career			uirements: 27 Semester Credit Hours	
Path Electiv	ves			gram prepares you for entry-level	
IST 164	Implementing Windows Network			positions with basic skills in accounting	y
	Infrastructure Services	3		ax and payroll. Training in computerize	
IST 263	Designing Windows Network			and electronic spreadsheets utilizing	u
	Security	3		applications is included in the program.	
M:	Internal Colodina Francis Communica	al.		on into this program requires proof of	
Microsoft N Electives	letwork Solutions Expert Career Pa	τη		graduation (or GED) and qualifying	
IST 163	Introduction to Corner Naturaline			AT, ACT or the TTC placement test.	
151 103	Introduction to Server Networking Configuration Administration	3		,	
ICT 245		3			
IST 265	Designing a Windows Directory Services Infrastructure	2			
	Services minastructure	3			

Recommended Sequence of Courses First Semester

ACC 111	Accounting Concepts	3
ACC 150	Payroll Accounting	3
CPT 101	Introduction to Computers	3
ENG 101	English Composition I	3
		Total 12

Second Semester

Second Seni	iestei	
ACC 102	Accounting Principles II	3
ACC 112	Organizational Accounting	3
ACC 124	Individual Tax Procedures	3
ACC 240	Computerized Accounting	3
ACC 245	Accounting Applications	3
	C 11	Total 15

Business Information Systems

Certificate in Applied Science Credit Requirements: 24 Semester Credit Hours

This certificate program provides a broad overview of software, database management and application packages. Emphasis is placed on information systems used in the business environment. Students gain general competency in using microcomputers for management and decision making.

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

Recommended Sequence of Courses First Semester - Fall

CPT 102	Basic Computer Concepts	3
CPT 172	Microcomputer Database	3
CPT 179	Microcomputer Word Processing	3
	Tot	al 9

Second Semester – Spring

CPT 174	Microcomputer Spreadsheets	3
BUS 210	Introduction to e-Commerce in	
	Business	3
MGT 230	Managing Information Resources	3
	Tota	al 9

Third Semester – Summer

	ster summer	
CPT 270	Advanced Microcomputer	
	Applications	3
MGT 240	Management Decision Making	3
		Total 6

Cisco Certified Network Associate

Certificate in Applied Science Credit Requirements: 15 Semester Credit Hours

This program is delivered by TTC in its role as a Cisco Networking Academy and prepares students for entry-level jobs in companies with TCP/IP networks. Students learn the fundamentals of networking and internetworking, basic router and switch configuration, and troubleshooting in a diverse learning environment that includes instructor-led, web-based and hands-on lab settings.

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test. The program qualifies students to pursue a number of industry-standard certifications, including the Cisco Certified Entry Network Technician (CCENT) and Cisco Certified Network Associate (CCNA).

Recommended Sequence of Courses First Semester

IST 201	Cisco Internetworking Concepts	3
IST 202	Cisco Router Configuration	3
IST 220	Data Communications	3
	т	otal 0

Second Semester

		Total 6
IST 204	Cisco Troubleshooting	3
	Configuration	3
IST 203	Advanced Cisco Router	

CompTIA Systems Specialist

Certificate in Applied Science Credit Requirements: 24 Semester Credit Hours

This program teaches students to properly install, configure, upgrade, troubleshoot and repair microcomputer hardware. Students also learn basic installation and troubleshooting knowledge of DOS/Windows. Basic knowledge of networking technology and practices is covered. This program helps prepare students for the Comp TIA Security+, A+, Network+ and Linux+ certification exams. Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.