



**ASSOCIATE DEGREE IN APPLIED SCIENCE
MAJOR IN COMPUTER TECHNOLOGY
with Networking Electives
(EVENING)
FIRST YEAR**

<u>FIRST SEMESTER</u>		<u>C – L – CR</u>
CPT 114	Computers & Programming**	3 – 0 – 3.0
CPT 170	Microcomputer Applications**	3 – 0 – 3.0
ENG 101	English Composition I**	3 – 0 – 3.0
IST 220	Data Communications**	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0
<u>SECOND SEMESTER</u>		
CPT 168	Programming Logic and Design**	3 – 0 – 3.0
CPT 176	Microcomputer Operating Systems**	3 – 0 – 3.0
CPT 285	PC Hardware Concepts**	3 – 0 – 3.0
CPT 244	Data Structures**	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0
<u>SUMMER TERM</u>		
CPT 264	Systems and Procedures**	3 – 0 – 3.0
IST 293	IT and Data Assurance I**	3 – 0 – 3.0
	CPT 118** or ENG 102	3 – 0 – 3.0
	IST 222** or Science (BIO 101 or CHM 110 or PHY 101)	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0
SECOND YEAR		
<u>THIRD SEMESTER</u>		
IST 201	Internetworking Concepts**	3 – 0 – 3.0
IST 202	CISCO Router Configuration**	3 – 0 – 3.0
IST 261	Advanced Network Administration**	3 – 0 – 3.0
	MAT 102 or MAT 110**	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0
<u>FOURTH SEMESTER</u>		
IST 203	Advanced CISCO Router Configuration**	3 – 0 – 3.0
IST 204	CISCO Troubleshooting**	3 – 0 – 3.0
	Social/Behavioral Science*	3 – 0 – 3.0
	SPC 205 or SPC 209	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0
<u>SUMMER TERM</u>		
	IST 290** or History (HIS 104, 105) or Foreign Language	3 – 0 – 3.0
MAT 120	Probability and Statistics	3 – 0 – 3.0
	Humanities/Fine Arts*	3 – 0 – 3.0
	Elective ~	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0

The student must complete one elective course which totals at least 2.0 or 3.0 credit hours.

**A grade of "C" or better is required.

TOTAL CREDITS: 72

*Social/Behavioral Recommendation for USC Upstate Partnership:

PSY 201, SOC 101, ECO 210, ECO 211 or GEO 101

*Humanities/Fine Arts Recommendation for USC Upstate Partnership:

ART 101, MUS 105, THE 101

~ Elective Recommended for USC Upstate Partnership:

MAT 111, MAT 220 or MAT 132

PROGRAM ADDITIONS: None

PROGRAM DELETIONS: None

11/2/10