



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

<u>FIRST SEMESTER</u>		<u>C – L – CR</u>
CPT 101	Introduction to Computers**	3 – 0 – 3.0
ENG 101	English Composition I**	3 – 0 – 3.0
IST 220	Data Communications**	3 – 0 – 3.0
	MAT 102 or <i>MAT 110</i>	<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 244	Data Structures**	3 – 0 – 3.0
CPT 285	PC Hardware Concepts**	<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 <i>ENG 102</i>	3 – 0 – 3.0
	IST 222** or <i>Science (BIO 101 or CHM 110 or PHY 101)</i>	<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 257	LAN Network Server Technologies**	3 – 0 – 3.0
MAT 120	Probability & Statistics	<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
	Communications * (SPC 205 or SPC 209)	<u>3 – 0 – 3.0</u>
		12 – 0 – 12.0

<u>SUMMER TERM</u>		
	IST 290** or <i>History (HIS 104, 105)</i> or <i>Foreign Language</i>	3 – 0 – 3.0
IST 261	Advanced Network Administration**	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.

Class listed in italics are recommended for transfer

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

*Communications for USC Upstate Partnership
SPC 205

~ Elective Options for USC Upstate Partnership:
ENG 260 or 265, transfer level history,
science, social science, humanities,
or foreign language

PROGRAM ADDITIONS: CPT 101, IST 257

PROGRAM DELETIONS: CPT 114, CPT 170

4/3/12