

Computer Networking/Cyber Security - CETT

Associate in Applied Science

Computer Information Systems

Advisor: Dr. Carol Buse Email: acbuse@actx.edu

Through this program the student will become competent in automation access to the network, corporate security strategies and handling routine hardware maintenance.

MAJOR CODE: CETT.AAS.NT

COURSE NUMBERS	COURSE NAMES	HOURS	
GENERAL EDUCATION REQUIREMENTS			15
Communication – 3 Hours			
ENGL 1301:	Composition I	3	
Social/Behavioral Sciences – 3 Hours			
BCIS 1305:	Business Computer Applications	3	
Institutional Requirement – 3 Hours			
Speech*		3	
Language, Philosophy & Culture/Creative Arts – 3 Hours			
Language, Philosophy and Culture** or Creative Arts***		3	
Life & Physical Sciences/Mathematics – 3 Hours			
	Mathematics ****	3	
MAJOR COURSE REQUIREMENTS			39
CPMT 1351:	IT Essentials I: PC Hardware and Software	3	
CPMT 2349:	Advanced Computer Networking Technology	3	
ITSC 1307:	Unix Operating System I	3	
ITCC 1301:	Cisco Exploration 1 – Network Fundamentals	3	
ITCC 1304:	Cisco Exploration 2 – Routing Protocol and Concepts	3	
ITCC 2308:	Cisco Exploration 3 – LAN Switching and Wireless	3	
ITCC 2310:	Cisco Exploration 4 – Accessing the WAN	3	
ITDF 1300:	Introduction to Digital Forensics	3	
ITDF 2325:	Digital Forensic Tools	3	
ITSY 1342:	Information Technology Security	3	
ITSY 2300:	Operating System Security	3	
ITSY 2341:	Security Management Practices	3	
ITSY 2330:	Intrusion Detection	3	
RELATED COURSE REQUIREMENTS			6
BUSI 2301:	Business Law I	3	
CRIJ 2314:	Criminal Investigation	3	
		TOTAL HOURS	60

*Speech credit must come from Amarillo College approved list found at:

http://catalog.actx.edu/preview_program.php?catoid=13&poid=2446

** Language, Philosophy & Culture credit must come from Amarillo College approved list found at:

http://catalog.actx.edu/preview_program.php?catoid=13&poid=2254

*** Creative Arts credit must come from Amarillo College approved list found at:

http://catalog.actx.edu/preview_program.php?catoid=13&poid=2245

**** Mathematics must come from Amarillo College approved list found at:

http://catalog.actx.edu/preview_program.php?catoid=14&poid=2790