As of Fall 2016

COMPUTER NETWORK ADMINISTRATION CERTIFICATE

Computer Information Systems

Certificate of Completion

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

This certificate prepares students to design and implement, monitor and maintain a computer network, customize and optimize software, and handle routine hardware/software maintenance. Courses utilize hands-on labs and aid the student in preparing to take the following certification exams: CompTIA A+, CompTIA Network +, CompTIA Security+, CompTIA server +, Cisco CCENT, Cisco CCNA, CAP. This certificates leads to an AAS in Computer Networking/Cyber Security.

Major Code - COSC.CERT.ADMIN

COURSE NUMBERS	COURSE NAMES	HOURS		
MAJOR COURSE REQUIREMENTS			**27**	
CPMT 1351:	IT Essentials: PC Hardware and Software	3		
ITCC 1301	Cisco Exploration 1 - Network Fundamentals	3		
ITCC 1304	Cisco Exploration 2 - Routing Protocols and Concepts	3		
ITSY 1342:	Information Technology Security	3		
ITSC 1307:	Unix Operating System I	3		
CPMT 2349	Advanced Computer Networking Technology	3		
ITCC 2308	Cisco Exploration 3 - LAN Switching and Wireless	3		
ITCC 2310	Cisco Exploration 4 - Accessing the WAN	3		
ITSY 2300	Operating System Security	3		
	TOTAL HOURS		**27**	