

Computer Network Technology

Program Description

This Certificate of Applied Science in IT Network Technology will introduce students to the design, implementation, and management of linked systems of computers, and peripherals, to maximize efficiency and productivity, and prepare individuals to function as network generalist. Students will learn to work on computer hardware, software and applications; local area (LAN) and wide area (WAN) networking; principles of information systems security; disk space and traffic load monitoring; data backup; resource allocation; and setup and takedown procedures. The final goal of this program is to prepare students to sit for the CompTIA A+ certification, CompTIA Network+ certification, CompTIA Security+, and the CompTIA Linux+.

Year 1	Credits	
	Fall	Spring
ITS 164 - Networking Fundamentals (First 8 weeks)	3	
ITS 280 - Computer Repair Maintenance (First 8 weeks)	4	
ITS 218 - Network Security (Second 8 weeks)	3	
ITS 163 - Windows and Configuration (Second 8 weeks)	4	
WRIT 101W - College Writing I	3	
ITS 110 - Introduction to Networking and Cabling (First 8 weeks)		3
ITS 142 - CCNA 2: Discovery (Second 8 weeks only)		4
ITS 170 - Microsoft Windows Serve (First 8 weeks only)		4
ITS 224 - Introduction to Linux (Second 8 weeks only)		4
M 108 - Business Mathematics or M 121Q - College Algebra		3
Year Total:	17	18
Total Program Credits:		35