

IT Network Technology

Program Description

The Associate of Applied Science degree in Information Technology (IT) Computer Network Technology will be structured academically around industry certifications in the broad field of IT. The program will best prepare students for 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 AAS degree will also introduce 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. The final goal of this program is to prepare students to sit for the following certifications: CompTIA Network+, CompTIA A+, CompTIA Linux+, CompTIA Security+, Cisco CCNA, Microsoft.

Year 1	Credits	
	Fall	Spring
WRIT 101W - College Writing I	3	
ITS 164 - Networking Fundamentals (First 8 weeks)	3	
ITS 280 - Computer Repair Maintenance (First 8 weeks)	4	
ITS 163 - Windows and Configuration (Second 8 weeks)	4	
ITS 218 - Network Security (Second 8 weeks)	3	
ITS 110 - Introduction to Networking and Cabling (First 8 weeks)		3
ITS 170 - Microsoft Windows Serve (First 8 weeks)		4
ITS 142 - CCNA 2: Discovery (Second 8 weeks)		4
ITS 224 - Introduction to Linux (Second 8 weeks)		4
M 105Q - Contemporary Mathematics		3
Year Total:	17	18
Year 2	Credits	
	Fall	Spring
ITS 250 - CCNA 3: Exploration	3	
ITS 125 - Fundamentals of Voice and Data Cabling	3	
CSCI 107 - Joy and Beauty of Computing	3	
COMX 222 - Professional Communication	3	
WRIT 121 - Introduction to Technical Writing	3	
ITS 221 - Project Management		3
ITS 252 - CCNA 4: Exploration		3
ITS 279 - Cloud Systems		3
ITS 299 - Capstone		3
Year Total:	15	12
Total Program Credits:		62