



2026 - 2027 Information Technology: Network Management Pathway

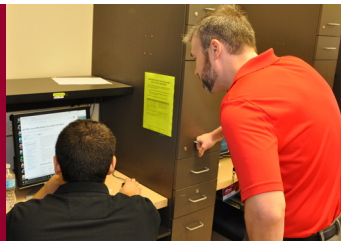
Associate in Applied Science Degrees

MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID

The image shows a student in a blue shirt focused on a computer monitor. The monitor displays a network management interface with a Star Trek Voyager theme. The interface includes a sidebar with navigation options like 'Activities', 'Files', and 'Windows shares on 10.1.1.3'. The main area shows a network diagram with nodes labeled 'ADMIN', 'C\$', 'NETLOGON', 'SysVOL', and 'voyager'. A 'Shields Switch' is also visible. The background shows other students in a classroom setting.

Scan Code for program page online

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Information Technology: Network Management Pathway

The Network Management curriculum prepares individuals for employment supporting network infrastructure environments. Students will learn how to use technologies to provide reliable transmission and delivery of data, voice, image, and video communications in business, industry, and education.

Course work includes design, installation, configuration, and management of network infrastructure technologies and network operating systems. Emphasis is placed on the implementation and management of network software and the implementation and management of hardware such as switches and routers.

Graduates may find employment in entry-level jobs as local area network managers, network operators, network analysts, and network technicians. Graduates may also be qualified to take certification examinations for various network industry certifications, depending on their local program.

Salary Range: \$39,000-\$63,170 (Salaries may vary based on size of business and other factors).

Specific Requirements

1. General college admission requirements must be met.
2. Transfer credit will not be accepted for NET-289.

Total Cost Estimate

Tuition per Semester (NC Resident)	\$1,216.00 (16+ credit hours) \$76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	\$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, \$45.00
CAPS Fee (Campus Access, Parking and Security)	\$30/semester
Matriculation Fee	\$25/semester
Student Insurance	\$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/information-technology-network-management-aas-cost-estimate>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

For More Information:

Contact Peter Kennedy by email at peterukennedy@abtech.edu or by phone at 828-398-7289.

Advising questions? Email: advising@abtech.edu

Courses requiring a grade of "C" or better: ACA, CTI, CTS, NET, NOS, and SEC

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ACA 115	Success and Study Skills	1
	CSC 113	Artificial Intel. Fundamentals	3
	CTI 110	IT Foundations	3
	CTI 120	Network & Sec Foundations	3
	ENG 111	Writing and Inquiry	3
	NOS 110	Operating Systems Concepts	3
Second Semester (Spring)	MAT 110	Mathematical Measurement	3
	NET 125	Introduction to Networks	3
	NOS 120	Linux Single User	3
	NOS 130	Windows Single User	3
	SEC 110	Security Concepts	3
Third Semester (Summer)	CTS 115	Info Sys Business Concepts	3
	NET 126	Switching and Routing	3
	NOS 220	Linux Admin I	3
Fourth Semester (Fall)	COM 231	Public Speaking	3
	CTI 240	Virtualization Admin I	3
	NET 225	Enterprise Networking	3
	NOS 230	Windows Administration I	3
	SEC 160	Security Administration I	3
Fifth Semester (Spring)	ART 111	Art Appreciation	3
	NET 175	Wireless Technology	3
	NET 289	Networking Capstone Project	3
	PSY 150	General Psychology	3
	SEC 210	Intrusion Detection	3
Program Totals:			70

Credit for specific Information Technology certificate may replace some courses:
abtech.edu/current-students/programing-advising-center-overview/credit-prior-learning

Certificate Available:

Network Systems Administration Certificate
CCNA Preparation Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/computer-information-technology>