



2026 - 2027 Information Technology: Systems Security

Associate in Applied Science Degrees

MULTIPLE LOCATIONS

VARIED SEMESTER LENGTHS

NUMEROUS PROGRAMS

FINANCIAL AID



Scan Code for program page online

ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU



Information Technology: Systems Security

The Systems Security curriculum covers a broad expanse of technology concepts. This curriculum provides individuals with the skills required to implement effective and comprehensive information security controls.

Course work includes networking technologies, operating systems administration, information policy, intrusion detection, security administration, and industry best practices to protect data communications.

Graduates should be prepared for employment as security administrators. Additionally, they will acquire the skills that allow them to pursue security certifications.

Salary Range: \$35,000-\$75,648 (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 SEC-285.

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-systems-security-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, CCT, CTI, CTS, NET, NOS and SEC

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ACA 115	Success & 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
	ENG 114	Professional Research and Reporting	3
	NET 126	Switching and Routing	3
Fourth Semester (Fall)	CTI 240	Virtualization Admin I	3
	NET 225	Enterprise Networking	3
	NOS 230	Windows Administration I	3
	PSY 150	General Psychology	3
	SEC 160	Security Administration I	3
Fifth Semester (Spring)	ART 111	Art Appreciation	3
	CCT 121	Computer Crime Invest	4
	NET 175	Wireless Technology	3
	SEC 210	Intrusion Detection	3
	SEC 285	Systems Security Project	3
Program Totals:			71

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

Certificates Available:

Systems Security Certificate

Cyber Forensic Analyst

For more information, please visit:

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