

# Cyber Security & Information Assurance

## Program Overview:

Information Technology is one of the fastest-growing career fields today. The Cybersecurity Information Assurance curriculum prepares students to support the information security needs of businesses. This curriculum can assist students in preparing for the following certifications: CompTIA (A+, Network+, Linux+, Security+, Project+), CISSP and Cisco Certified Network Associate.

## Learning Outcomes:

Upon completion of an Associate of Applied Science degree in Cybersecurity Information Assurance, a graduate will be able to:

- Demonstrate knowledge of computer and network systems terms and concepts.
- Setup, install, configure, and troubleshoot hardware/software for desktop computer systems.
- Install, configure, manage, and maintain network-based voice, audio, and video technologies.
- Install, configure, manage, and maintain network infrastructure equipment and software.
- Demonstrate knowledge of computer and network security terms and concepts.
- Implement, configure, and troubleshoot network security software and hardware.
- Design secure computer and network infrastructures.

Freshman Year	Credits	
	Fall	Spring
ITS 164 - Networking Fundamentals	3	
ITS 271 - Securing Desktop/Mobile Devices	4	
ITS 218 - Network Security	3	
ITS 272 - Cyber Defense		3
ITS 274 - Ethical Hacking and Network Defense		3
Year Total:	10	6
<b>Total Program Credits:</b>		<b>16</b>