

CYBERSECURITY

The Cybersecurity certificate of achievement is designed for students interested in obtaining basic skills in the area of protecting computer systems and networks, preparing students for career advancement, and serving as a concentration option for the Associate of Applied Science in CIS degree. Students will learn about the vulnerabilities of hardware and software systems, as well as perform network security testing. Students will gain hands-on experience in securing hardware and software. This program serves as preparation for Cisco and CompTIA industry certifications.

Program Outcomes

1. Develop cybersecurity programs, policies, and procedures for implementation.
2. Evaluate and recommend cybersecurity systems and solutions for network defense and monitoring.
3. Assess the cybersecurity posture of systems.
4. Discuss relevant laws, regulations, and frameworks as they apply to cybersecurity operations.
5. Prioritize and classify cybersecurity risks.

Code	Title	Credits
Required Coursework		12.00
CIS-151	ETHICAL HACKING I ¹	
CIS-161	CYBERSECURITY OPERATIONS ¹	
CIS-172	LINUX OPERATING SYSTEMS ¹	
CIS-240	INTRO TO NETWORKING ¹	
Total Credits		12.00

¹ Course has prerequisite(s)

Tuition is calculated by contact hours per semester.

Current/Updated: Fall 2021

Course	Title	Credits
Fall 1		
CIS-151	ETHICAL HACKING I	3.00
CIS-161	CYBERSECURITY OPERATIONS	3.00
CIS-172	LINUX OPERATING SYSTEMS	3.00
CIS-240	INTRO TO NETWORKING	3.00
Credits		12.00
Total Credits		12.00