

CYBERSECURITY SKILLS, CERTIFICATE OF ACHIEVEMENT

This Certificate of Achievement will provide students with skills in cybersecurity and the preparation necessary to undertake the following certification exams: CompTIA Security+, EC-Council Certified Ethical Hacker (CEH), and CCNA Cyber Ops.

Learning Outcomes

Upon successful completion of the program, students will be able to:

- Install and configure basic routing and switching elements.
- Collect and analyze data to uncover attacks and malware.
- Learn attacks, security policy, encryption, access control, PKI, authentication, and cryptography.
- Comprehend concepts of system vulnerability assessment, penetration testing, exploits, and countermeasures.

Certificate of Achievement Requirements

Code	Title	Units
Required Core		
CSIS 76A	Cisco Certified Network Associate (CCNA) 1	3
CSIS 86	Network Security Fundamentals/Security+ Prep	3
CSIS 87	Computer Forensics	3
CSIS 88	Security Practices: Penetration Testing and Discovery	3
CSIS 89	Preparation for Cybersecurity Analyst Certification (CYSA+)	3
Total Units		15

Please refer to the graduation requirements section of the Catalog for information about degree and certificate requirements including Reading and Writing, Mathematics, Information Competency, and General Education requirements.