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.
- Identify attacks, explain security policy, and perform encryption, access control, PKI, authentication, and cryptography.
- Explain 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
WORK 96	Professional and Essential Skills	1-2
or WORK 99	Career-Focused Work Experience	
Total Units		**16-17**

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.