

CYBER SECURITY CERTIFICATE

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This Cybersecurity certificate is designed for the student who seeks to take on growing responsibilities for securing organizational data and network infrastructure against digital threats. Students will build a deeper and broader knowledge of the tools and protocols needed to navigate, use, and manage security technologies. This certificate provides technical and strategic knowledge to help the student fully leverage innovations while moving an organization from a reactive to a predictive approach to risk mitigation. Students will also engage in conversations that will provide insight into the ethical, legal, and social dynamics of cybersecurity.

Network Security Major

Technical Standards

See [here](#) for details.

Code	Title	Hours
CPT 1705	Cisco I - CCNA	3
CPT 2540	Computer and Network Security	3
CPT 2545	Scripting for Cybersecurity Professionals	3
CPT 2550	Cryptography and Encryption	3
CPT 2555	Network Forensics	3
CPT 1940	Introduction to Cybersecurity	3
CPT 1945	Introduction to the Internet of Things	3
CPT 1950	Security Awareness	3
CPT 1955	Firewall Essentials	3
CPT 1715	Cisco II - CCNA	3
Total Hours		30