



Certificate of Achievement in Cybersecurity

The Cybersecurity Certificate of Achievement will give the students the hands-on skills needed for an entry-level career or promotion in cybersecurity. The courses provide an overview of the field of cybersecurity as related to computer networking. Topics covered will include computer network security, Windows and Linux operating system security, digital forensics, penetration testing, incident monitoring and analysis, incident response, firewalls, intrusion detection and prevention systems, computer security policies and procedures, e-mail & Web security, and securing a computer network.

Required Core

Students will complete the following courses:

	Units
CST C128 Network+	3.0
CST C158 Server+	3.0
CST C230 Introduction to Security	3.0
CIS C157 Introduction to Python Programming	3.0

Subtotal	12.0
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Select 3 courses from the following:

	Units
CST C191 CompTIA Linux +	3.0
CST C231 CompTIA Advanced Security Practitioner	3.0
CST C232 Ethical Hacking	3.0
CST C242 PenTest+	3.0
CST C245 Exploring Computer Forensics	3.0
CST C248 Wireless Networking	3.0
CST C253 Cisco ASA, PIX, and Network Security	3.0
CST C255 Cybersecurity Analyst+	3.0
CST C258 Linux Networking and Security	3.0
CST C260 Certified Information Systems Security Professional	3.0

Subtotal	9.0
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Total Units	21
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