



Associate of Science in Cybersecurity

The Associate of Science in Cybersecurity degree will provide students with a solid foundation in the fields of Computer Networking and Cybersecurity. The focus on Cybersecurity will provide the student with some of the basic skills needed for an entry-level career in Cybersecurity. The program is designed to prepare students for entry-level jobs in computer security or to help them advance in their career. Topics covered will include computer and network security, Windows Operating System security, Linux security, firewalls, intrusion detection systems, security policies and procedures, e-mail and Web security, and designing and building a secure computer network.

Students must complete all core courses plus nine (9) units from the following list of courses in specialized areas.

Required Core Courses	Units
CST C128 Network+	3.0
CST C230 Introduction to Security	3.0
CST C158 Server+	3.0
CIS C157 Introduction to Python Programming	3.0
Subtotal	12.0
Select 3 courses from the following specialized areas:	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
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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
Complete one of the three General Education options plus electives to meet the 60 unit requirement.	
Subtotal	21.0
Total Units	60