CYBERSECURITY FUNDAMENTALS, CERTIFICATE OF ACCOMPLISHMENT

Banner Code: 3_CE_CYFUND
Not Financial Aid Eligible

This certificate program provides students with a preliminary foundation in the fields of cybersecurity and computer networking. The program courses include fundamental skills in cybersecurity principles, cyber resilience, computer networking, computer and network security, server administration, and introductory programming. The hands-on and technical writing assignments provide students with the foundational skills needed for an entry-level career in the field of cybersecurity.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Evaluate and communicate the human role in security systems with an emphasis on ethics, social engineering vulnerabilities, and training.
2. Assess security risks and identify methods to minimize their threat and/or impact.
3. Demonstrate the ability to locate technical resources to resolve security-related issues with networking hardware and software.
4. Apply risk management concepts to develop policies and procedures following security best practices.

Review Graduation Requirements (https://catalog.cccd.edu/coastline/graduation-requirements/certificates/#accomplishmenttext).

Course	Title	Units
Required Core		
Complete the following:		
CYBR C101	Introduction to Cybersecurity	3
IT C128	Computer Networking Principles (Network +)	3
IT C158	Contemporary Operating Systems (Server+)	3
CIS C157	Introduction to Python Programming	3
CYBR C230	Network Security (Security+)	3
Total Units		**15**