



Cyber Defense

Certificate of Professional Preparation | Code: PBC04 | 24 Credits

CIP (5554304030)

Effective Term: Fall 2022 (2227)

Cyber Defense is a cybersecurity specialty for professionals who protect and defend an organization's information system from various threats. They use data collected from a variety of cyber defense tools (e.g., IDS alerts, firewalls, network traffic logs) to analyze cybersecurity events and mitigate potential cyberattacks and data breaches. The Certificate of Professional Preparation (CPP) in Cyber Defense is designed for current and pre-professionals interested in working in the field of cybersecurity operations. *Note: Program Admissions Requirements: Baccalaureate degree in any field of study from a regionally accredited institution.*

Program Course Requirements

Course ID	Course Title	Credits	Requisites
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Networking Foundation Core: 4 Credit Hours

Select one course from the following offerings.

CTS 1134	Networking Technologies	4
Or		
CTS 1650	CCNA 1: Cisco Fundamentals	4

Program Core: 20 Credit Hours

CIS 3360	Principles of Information Security	4	Prerequisite: CTS 1134 or CTS 1650
CIS 3361	Information Security Management	4	Prerequisite: CIS 3360
CIS 4364	Intrusion Detection and Incident Response	4	Prerequisite: CIS 3360
CIS 4366	Computer Forensics	4	Prerequisite: CIS 3360
CIS 4388	Advanced Computer Forensics	4	Prerequisite: CIS 4366