Cyber Security, Certificate
School of Technology

Program Description

The Cyber Security Certificate program provides an introduction to the theories and practices associated with information security. Law enforcement professionals can enhance their knowledge of cybercrimes by becoming more familiar with the intricacies of computer evidence handling and documentation, and cybercrime determination, evaluation, and prosecution. Current computer professionals can expand their existing networking experience by increasing their knowledge of information security and expanding their careers into the information security discipline.

Career Opportunities

Graduates may find employment opportunities in private investigation firms, private security firms, as well as local law enforcement agencies. Networking professionals may find employment as corporate security managers, Internet security consultants, security technicians or other network positions with an emphasis on security.

Program Learning Outcomes

Upon successfully completing this program, students will be able to:
- Communicate with law enforcement professionals and network professionals with respect to cybercrimes and information security.
- Determine the scope and cost of specific security intrusions.
- Evaluate potential security vulnerabilities.
- Administer Internet security procedures and devices.

Sugg. Term	Seq #	Course ID	Course Title	Cr	Prereq/Coreq(Co)	Options Available
1st Fall	1	PDV 101	First Year Seminar	1		
	2	CPT 145	Introduction to Computer Technology	3		
	3	CPT 150	Microcomputer Concepts	3		
	4	CIS 168	Principles of Information Security	3		
1st Spring	5	CPT 182	Operating Systems	3		
	6	CPT 183	Local Area Networks	3		
	7	CPT161	Introduction to Cloud Computing	3		
	8	CIS 212	Digital Forensics Fundamentals	3		
Minimum Program Credits				22		CYBER