

Certificate CYBERSECURITY

This cutting-edge certificate program is designed to provide theory and hands on experience in Cybersecurity, preparing the students for employment in a fast growing field. The program will provide the skills needed to recognize security attacks, block those attacks, and forensically acquire information from seized hardware in a state-of-the art classroom. The Cybersecurity program is ideal for an individual currently working in the Information Technology field, or has a working knowledge of IT, but this is not required. The successful student will be prepared to stand for various certification exams, including but not limited to: CompTIA Security+, Certified Ethical Hacker, and CompTIA Network+ Certificate.

Program Information

Course Sequence and Progression Requirements:

- A minimum grade of "C" or better is required for all CPT and IST prefixed courses for progression and graduation.
- All CPT and IST courses have a 5-year time limit.

Specific Admission Requirements for Program

- Criminal Background Check must be satisfactorily completed before students can enroll in any cybersecurity courses.

Cybersecurity will deny eligibility for enrolling in a cybersecurity course if an applicant/student does not successfully pass the criminal background check.

CURRICULUM SEQUENCE

First Semester - Fall, 1st Half	Credit Course	Semester Credit Hours
Math Elective	MAT 101, MAT 102, MAT 110 or MAT 120	3
CPT 282	Information Systems Security	3
IST 201	CISCO Internetworking Concepts	3
IST 266	Internet and Firewall Security	3
	TOTAL	12
Second Semester - Spring		
IST 202	CISCO Router Configuration	3
IST 215	Health Information Networking	3
IST 268	Computer Forensics	3
IST 293	IT and Data Assurance I	3
	TOTAL	12
Third Semester - Summer		
IST 294	IT and Data Assurance II	3
Third Semester - Summer, 1st Half		
IST 269	Digital Forensics	3
Third Semester - Summer, 2nd Half		
CPT 208	Special Topics in Computer Technology	3
	TOTAL	9
	TOTAL CREDIT HOURS	33

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