Cybersecurity Level 1 Certificate

Degree Type
Certificate

This Level 1 certificate gives students foundation knowledge of cybersecurity techniques required for the field. The primary emphasis of the curriculum is hands-on training in information assurance for network hardware, software and data, including physical security, backup procedures, relevant tools, encryption and incident handling and reporting. Students who successfully complete the following courses and the capstone requirement can be awarded this certificate.

This certificate program can also be used to complete the Level 2 Cybersecurity certificate and for completion of the Information Technology A.A.S. – Cybersecurity Option. Students must adhere to prerequisite courses as described in the course descriptions in this catalog.

First Semester

Course Number	Title	Credits
CPMT 1351	IT Essentials: PC Hardware and Software	3
ITDF 1300	Introduction to Digital Forensics	3
ITNW 1313	Computer Virtualization	3
ITSY 1300	Fundamentals of Information Security	3
ITSE 1359	Introduction to Scripting Languages	3

Second Semester

Course Number	Title	Credits
ITSC 1316	Linux Installation and Configuration	3
ITSY 2300	Operating Systems Security	3
ITSY 2301	Firewalls and Network Security	3
ITNW 1309	Fundamentals of Cloud Computing	3
ITSC 1315	IT Project Management	3
	Total Credits	**30**