Cybersecurity Level 2 Certificate

Degree Type
Certificate

This Level 2 Cybersecurity certificate is stacked from the Level 1. With just one additional semester, students can be awarded the Level 2 Cybersecurity certificate. The primary emphasis of the curriculum is expanded 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 can be awarded this Level 2 certificate.

This certificate program can also be used 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

Third Semester

* ITSE 2286 Internship: Students work 7-12 hours each week at an approved place of employment.

Course Number	Title	Credits
ITSY 2341	Security Management Practices	3
ITSY 2342	Incident Response and Handling	3
ITSY 2359	Security Assessment and Auditing	3
ITSY 2286	Internship, Computer and Information Systems Security	2
POFT 1120	Job Search Skills	1
	Total Credits	**42**