

INFORMATION TECHNOLOGY - CYBERSECURITY LEVEL 2 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.

Program: Information Technology

Type: Certificate

FIRST SEMESTER

* ITCC 1314 and ITCC 1344 are 8 week courses

Item #	Title	Credits
ITCC 1314	CCNA1: Introduction to Networks	3
ITCC 1344	CCNA 2: Switching, Routing, and Wireless Essentials	3
ITDF 1300	Introduction to Digital Forensics	3
ITNW 1313	Computer Virtualization	3
ITSY 1342	Information Technology Security	3
ENGL 2311	Technical & Business Writing (single-semester course)	3

SECOND SEMESTER

Item #	Title	Credits
ITSC 1316	Linux Installation and Configuration	3
ITSE 1359	Introduction to Scripting Languages	3
ITSY 2300	Operating Systems Security	3
ITSY 2301	Firewalls and Network Security	3
ITSY 2330	Intrusion Detection	3

THIRD SEMESTER

Item #	Title	Credits
ITSC 2325	Advanced Linux	3
ITSY 2341	Security Management Practices	3
ITSY 2342	Incident Response and Handling	3
ITSY 2343	Computer Systems Forensics (Capstone)	3
	Total credits:	45