Cybersecurity CY12

Type
Diploma

The Cybersecurity diploma program is a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the basic skills areas of English and mathematics, as well as in the technical areas of computer terminology and concepts, computer networking, and network security. Program graduates are qualified for employment as Computer Network Security Specialists, Cybersecurity Specialists or Information Security Analysts.

Basic Skills Courses — 8.00 Hours

Item #	Name	Credits
ENGL 1010	Fundamentals of English I	3
MATH 1012	Foundations of Mathematics	3
EMPL 1000	Interpersonal Relations & Professional Development	2

Occupational Courses — 34.00 Hours

Item #	Name	Credits
COMP 1000	Introduction to Computer Literacy	3
CIST 1001	Computer Concepts	4
CIST 1122	Hardware Installation & Maintenance	4
CIST 1601	Information Security Fundamentals	3
CIST 2601	Implementing Operating System Security	4
CIST 2602	Network Security	4
CIST 2612	Computer Forensics	4
	CIS Networking Electives (8 hrs)	8

Introductory-Level Networking Class — 4.00 Hours

*** Choose one of the following:**

Item #	Name	Credits
CIST 1401	Computer Networking Fundamentals	4
CIST 2451	Introduction to Networks - CISCO	4

— Hours

	Name	Credits
	Minimum Credit Hours for Graduation	46