

Information Systems Technology - Cyber Security

Overview

Career Studies Certificate

PURPOSE: The Cyber Security Career Studies Certificate provides instruction in Information Security and prepares students to recognize and prevent threats to data, information systems, and to master techniques for defense against such attacks. The material presented in this certificate will help prepare students for the CompTIA Security+ Certification.

OCCUPATIONAL OBJECTIVES: Help desk specialist; entry-level information security analyst; entry-level cyber security specialist. For more information, check out O*Net (<https://www.onetonline.org/>).

ADMISSION REQUIREMENTS: General college curricular admission

PROGRAM NOTES: The Cyber Security Career Studies Certificate will fulfill the IT concentration electives in the Information Systems Technology Associate of Applied Science degree.

Students should check their advisement report in SIS and meet with their faculty advisor.

Students must obtain the grade of "C" or higher in IT courses taken for this CSC.

IT courses used for this program may not be more than 10 years old.

GAINFUL EMPLOYMENT DISCLOSURE INFORMATION: Please see http://www.reynolds.edu/curriculum/gainful-employment-html/ge_info_221-732-09.html to access gainful employment disclosure information for this program.

Roadmap

COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
ITE 221	PC Hardware and OS Architecture	4	0	4
ITN 101	Introduction to Network Concepts	3	0	3
ITN 260	Network Security Basics	3	0	3
ITN 261	Network Attacks, Computer Crime, and Hacking	4	0	4
ITN 262	Network Communication, Security, and Authentication	4	0	4
ITN 263	Internet/Intranet Firewalls and E-Commerce Security	4	0	4
ITN 276	Computer Forensics I	3	0	3
ITN 298	Seminar and Project: Networking Capstone	4	0	4
TOTAL		29	0	29
Total Minimum Credits for Career Studies Certificate in Cyber Security				29

11.29.17