Cybersecurity Foundations C.C.

Career Community: Computer Technology and Networking
Curriculum Code: 1833
Effective: Fall 2024 – Summer 2029

Description

The Certificate of Completion (CC) in Cybersecurity Foundations focuses on the necessary skills required to secure, protect, and identify vulnerabilities in a network, including various operating systems and network devices. Emphasis is placed on developing the theoretical, legal, ethical, and practical skills needed to maintain security on mission-critical networking and server systems. The program is designed to provide applied skills necessary for government and industry employees. The program covers a variety of information security technologies and structured languages. The Cybersecurity program also focuses on the high-demand skills needed in business, industry, and government, as well as for internationally recognized IT certifications.

Milestone

Completion of CITN 280 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in this course is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in this course.

Additional Information

To be awarded this Cybersecurity Foundations Certificate of Completion, a student must earn a minimum grade of 2.0 in each course. This certificate also aligns with and is stackable under the Computer Networking and Cybersecurity A.B. (1453) program of study.

Contact Information

For further information, including career options, course substitutions and waivers, etc., contact the Computer Information Technologies Program in the West Campus Building, Room M103, telephone number 517-267-6406 or Student Services West Campus, West Campus Building, Room M016, telephone number 517-267-5452.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CITN 230	Linux Operating System	3 / 3
CITN 280	IT Security Foundations	3 / 3
CITP 110	Intro to Programming - Python	4 / 4
CITS 125	Computer Support: A+ Cert Prep	6 / 6
CITS 225	Networking for PC Technicians	3 / 3

Minimum Total Credit Hours

19 credits / 19 billing hours

Recommended Course Sequence

Semester I
CITP 110
CITS 125

Semester II
CITS 225

Semester III
CITN 230
CITN 280 – Milestone course

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.