

Network and Cybersecurity ACADEMY



Career Pathway

for Dual Enrollment high school students



Academy Information

Lehigh Carbon Community College's Network and Cybersecurity Academy delivers essential training in securing computer systems, networks, and infrastructure. You will learn how to combine technical proficiency with strategic insight to protect sensitive data, secure operating systems, and safeguard network architectures against modern cyber threats. ***Students should have a basic understanding of computers before starting the program.***

In this program, you will take classes such as:

- Introduction to Computers and Applications
- CompTIA courses
- Scripting for Security

and more!

Additional information regarding the course sequence can be found on the reverse side of this sheet.

Requirements

- Students can join the academy during their junior or senior year.
- Approval from principal or school counselor.
- Dual Enrollment students must meet the same prerequisites as all other college students. Some college classes will require placement testing.

This program is a great way to get started in the network and cybersecurity field while building skills for the future.

For more information, contact:

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Lehigh Carbon
COMMUNITY COLLEGE

Network and Cybersecurity ACADEMY

Suggested Course Sequence

Junior Year

Total Credits: 13.5

First Semester

* CIS105: Introduction to Computers and Applications OR CFS105: Computer Ethics (3 credits)

NET111: CompTIA A+ Core I (3.5 credits)

Second Semester

NET110: CompTIA Network Essentials (3.5 credits)

NET121: CompTIA A+ Core II (3.5 credits)

Senior Year

Total Credits: 12.5

First Semester

CFS155: CompTIA Security+ Cybersecurity Essentials (3.5 credits)

ENG105: Research and Composition (3 credits)

Second Semester

NET161: Scripting for Security (3 credits)

* MAT120: Survey of Mathematics OR MAT150: Statistics (3 credits)

* courses may vary based on the intended degree.

Elective Options

NET210: Linux Installation & Admin

CFS210: Cybersecurity Analyst (CySA+)

Credits apply to the following:

Computer Specialist — Networking and Security, AAS

Cybersecurity, AS

Cybersecurity Certificate

Cybersecurity Diploma

Want to learn more about High School Connections? Scan the QR code to go to our website!

