

2023-24 ACADEMIC PROGRAMS

COMPUTER NETWORKING ACADEMY (CVCNAC)

Advanced Certificate

This Cisco Networking Academy program prepares students for a job as a network technician where they will install, configure, and troubleshoot Local Area Networks under the supervision of a network administrator. The focus is placed on cabling systems, internetworking hardware, and network and internetworking protocols, both LAN and WAN. This program also gives the students a strong foundation in their preparation for passing the Cisco Certified Network Associate Examination.

The four main areas of this program are:

- Introduction to Networks
- Routing and Switching Essentials
- Scaling Networks
- Connecting Networks

The program is structured for students who:

- desire a foundation in the concepts leading to the Cisco Certified Network Associate Examination.
- are already certified and want to enhance their knowledge with the latest in Networking hardware, (Routers and Switches) and their associated operating systems.
- want the foundation skills necessary to obtain an entry level job in the Networking Field.
- want to obtain the Associate Degree (APCSN) associated with this program and additionally, if desired, transfer to a four year school.

Highlights

- Earn this advanced certificate in two semesters.
- Work towards the Associate Degree (APCSN) of which this certificate is part of.
- Use the APCSN Associate Degree for a direct transfer to Eastern Michigan's Technology Management Program.

Admission Requirements

Completion of the *Computer Systems Technology (CTCSTC)* is recommended for those limited experience with Computer Hardware, Operating Systems, and Networking.

This is a **high demand, high skill** and **high wage** program as defined by the [Michigan Community College Network](#).

Do you have another career in mind? [Search for careers](#)

Program is also available online

Description

This Cisco Networking Academy program prepares students for a job as a network technician where they will install, configure, and troubleshoot Local Area Networks under the supervision of a network administrator. The focus is placed on cabling systems and internetworking hardware. It also gives students the knowledge they'll need to pass the Cisco Certified Network Associate Examination.

Admissions Requirements

Students must complete the Computer Systems Technology (CTCSTC) Certificate with a GPA of 2.0 or better or have equivalent industry experience to be admitted into the program.

Course Requirements

Major/Area Requirements

Class	Title	Minimum Credits
CNT 206	Introduction to Networks	4
CNT 216	Switching, Routing and Wireless Essentials	4
CNT 226	Enterprise Networking, Security, and Automation (ENSA)	4
CNT 295	CNT Cisco Certification Preparation	1
Total		13

Total Credits Required: 13

Accurate as of 09/27/2023 Information is subject to change without notice.