
2021-22 ACADEMIC PROGRAMS

COMPUTER NETWORKING ACADEMY I (CVCNA1)

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](#).

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