



CISCO CERTIFIED ENTRY NETWORKING TECHNICIAN

Together with the League for Innovation and the Walmart Brighter Futures 2.0 Project, CPCC is offering STEM Career Connection training tracks designed to equip you with employment skills that lead to a career in the high-demand industry of IT.

In the Cisco Certified Entry Network Technician (CCENT) training track, you'll explore the Internet while working toward your CCENT – a requirement for securing a job in IT. To help you achieve this goal, our instructors will introduce you to the many devices, support mechanisms, and routing and switching technologies that not only grant users access to the World Wide Web, but also require daily maintenance to ensure the network's connectivity and functionality.

Skills

At CPCC, you'll learn the job skills needed to secure an entry-level position in the networking infrastructure field. You'll learn the following skills:

- Configuring, managing, troubleshooting and backing-up Cisco routers and switches
- Sub-netting IPv4 and understanding new technologies, such as IPv6
- Learning dynamic vs. static routing skills (i.e. OSPF, RIP, EIGRP)
- Gaining an understanding of basic network security techniques (i.e. NAT, Access-Lists, Port Security, etc.)

Careers

Following the completion of the program, you'll be prepared to enter the networking infrastructure industry. Potential job titles include:

- network engineer
- network administrator
- systems engineer
- senior network engineer
- network architect

Salary

An entry-level position with a CCENT certification: \$65,000*

A seasoned professional with a CCENT/CCNA certification: \$80,000*

**Salary information courtesy of Cisco.*

Transfer Opportunities

Thanks to the North Carolina articulation agreement, you may transfer your academic credits to a number of North Carolina four-year colleges and universities.

To learn more, call 704.330.6557 or visit www.cpcc.edu/brighterfutures.

