

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA) CERTIFICATE

13 Semester Credit Hours; Curriculum: 0170

Code	Title	Hours
Courses for a Certificate		
CNS 103 or CNS 105	IT Support Fundamentals 1 Networking Essentials	3
CNS 121	IT Certification Preparation	1
CNS 141	Cisco Introduction to Networks	3
CNS 142	Cisco Switching, Routing, and Wireless Essentials	3
CNS 143	Cisco Enterprise Networking, Security, and Automation	3
Total Hours		13

Due to rapid changes in information technology, we are frequently updating our certificate and degree programs to better prepare you for the job market. Please consult the CNS department chair for help with your pathway.

Note: Students can obtain Credit for Prior Learning through evaluation by Oakton faculty for any of the third-party IT certifications.

Program Learning Outcomes

1. Implement a network design for a small network to include a router, a switch, and end devices.
2. Explain how to troubleshoot static route configurations.
3. Troubleshoot enterprise networks.
4. Explain the purpose of network virtualization.