Cisco | Networking Academy®
Mind Wide Open™

CCNP

The Internet is changing life as we know it—bringing new economic and social opportunities to communities throughout the world, and increasing the global demand for information and communication technology (ICT) skills. Innovations such as social networking, cloud computing, e-commerce, web conferencing, and desktop virtualization are changing the way we live, work, play, and learn. These capabilities are all powered by networks, and organizations around the world are experiencing a shortage of qualified ICT candidates to design, install, and manage these networks.

CCNP

The Cisco Networking Academy® CCNP curriculum provides a career oriented, comprehensive coverage of enterprise-level networking skills, including advanced routing, switching and troubleshooting, while providing opportunities for hands-on practical experience and soft-skills development.

The curriculum offers the following features and benefits:

· Provides an in-depth, theoretical overview of advanced routing and switching and troubleshooting complex enterprise networks

· Builds on the Cisco CCNA® Discovery and CCNA Exploration courses with more complex network configurations, diagnosis, and troubleshooting

· Helps students prepare for the globally-recognized Cisco CCNP® certification and professional career opportunities

· Hands-on labs and case studies help students apply what they learn and develop critical thinking and complex problem solving skills

Who Should Enroll	Prerequisites
· College and university-level students seeking career-oriented, enterprise-level networking skills · IT professionals wishing to expand their core routing, switching, and network troubleshooting skills to advance their careers · Current CCNA certification holders who wish to build on their CCNA knowledge base · Individuals seeking Cisco CCNP certification	· CCNA-level networking concepts and skills · CCNP ROUTE and CCNP SWITCH have no course prerequisites and can be taken in any order · CCNP ROUTE and CCNP SWITCH are both prerequisites for CCNP TSHOOT ❖ Students can acquire the CCNA-level routing and switching skills needed for success in this course by completing CCNA Discovery or CCNA Exploration

Course Description

CCNP equips students with the knowledge and skills needed to plan, implement, secure, maintain, and troubleshoot converged enterprise networks. The curriculum consists of three experience-oriented courses that employ industry-relevant instructional approaches to prepare students for professional-level jobs: CCNP ROUTE: Implementing IP Routing, CCNP SWITCH: Implementing IP Switching, and CCNP TSHOOT: Maintaining and Troubleshooting IP Networks.

CCNP can be delivered as an independent curriculum or integrated into a broader course of study, such as IT-related degree programs or technology or continuing education programs. The curriculum can be offered in an in-person or a blended distance learning (BDL) environment.

The following table lists some of the skills and competencies students will be able to perform after completing the course:

Skills and Competencies
1. Implement, monitor, and maintain routing and switching services in an enterprise campus network.
2. Plan, configure, and verify the implementation of complex enterprise LAN and WAN routing solutions
3. Implement IPv6, EIGRP, BGP, and OSPF in an enterprise network.
4. Configure secure routing solutions to support branch offices and mobile workers.
5. Implement the secure integration of VLANs, WLANs, voice, and video into campus networks.
6. Plan, configure, and verify the implementation of complex enterprise switching solutions.
7. Plan and execute regular network maintenance to monitor and maintain complex enterprise routed and switched IP networks.
8. Perform network troubleshooting using technology-based processes and best practices, based on systematic and industry recognized approaches

Cisco Networking Academy

In partnership with schools and organizations around the world, the Cisco® Networking Academy program delivers a comprehensive learning experience to help students develop ICT skills for entry-level career opportunities, continuing education, and globally recognized career certifications.

Networking Academy teaches ICT skills to students from virtually every socioeconomic background and region of the world. Students gain the skills needed to pursue networking careers in a variety of industries such as healthcare, technology, financial services, fashion, entertainment, and more. Students also gain access to a global support group, career developments tools, and social networking resources to help them become architects of the human network.

For More Information
Cisco Networking Academy Program:
www.cisco.com/go/netacad

Course and Certificates:
www.cisco.com/go/netacadcourses

Locate an academy:
www.cisco.com/go/academylocator

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