Cisco | Networking Academy®
Mind Wide Open™

CCNA Discovery

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.

CCNA Discovery

The Cisco® CCNA® Discovery curriculum provides the experience needed to help meet the growing demand for ICT professionals. The courses help prepare students for entry-level career opportunities, continuing education, and globally recognized Cisco certifications.

CCNA Discovery teaches networking based on application, covering networking concepts within the context of network environments students may encounter in their daily lives – from small office and home office (SOHO) networking to more complex enterprise and theoretical networking models later in the curriculum. CCNA Discovery includes the following features:

· Courses emphasize critical thinking, problem solving, collaboration, and the practical application of skills

· Rich multimedia content, including Flash-based interactive activities, videos, games, and quizzes, addresses a variety of learning styles and help stimulate learning and increase knowledge retention

Packet Tracer simulation-based learning activities promote the exploration of networking concepts and allow students to experiment with network behavior and ask "what if" questions

· Hands-on labs help students develop critical thinking and complex problem solving skills

· Innovative assessments provide immediate feedback to support the evaluation of knowledge and acquired skills

· Case studies provide critical and strategic thinking scenarios to help students develop soft skills such as analyzing business objectives, planning timelines and resources, and delivering customer presentations

· Networking concepts are explained using language that works well for learners at all levels and embedded interactive activities break up reading of the content and help reinforce understanding

Course Description

CCNA Discovery provides general networking theory and the basics of routing, switching, and advanced technologies using a spiral approach, where concepts are presented in the context of the types of practical networks students may encounter; from home and small offices, to more complex enterprise models.

The curriculum helps students prepare for the industry-standard CCNA certification exam. The first two courses of CCNA Discovery also prepare students for the Cisco CCENT™ certification for entry network technicians, an optional first step toward earning the CCNA certification.

CCNA Discovery can be delivered as an independent curriculum or integrated into a broader course of study, such as technology or continuing education programs. The curriculum consists of four courses delivered sequentially. Each course includes a troubleshooting chapter and advanced technologies (voice, video, wireless, and security) are introduced throughout the curriculum.

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 information and communication technology (ICT)

Course Name	Description
Networking for Home and Small Businesses	Uses a SOHO network to introduce some basic networking concepts such as cabling, addressing, wireless, and security, and teaches students how to plan, deploy, and troubleshoot a small network.
Working at a Small-to-Medium Business or ISP	The second and third courses use small and medium business and enterprise sized networks to take concepts such as IP addressing, switching, routing, WAN technologies, and security to the next level.
Introducing Routing and Switching in the Enterprise	As the complexity and size of the network grows, associated concepts such as advanced routing protocols, enterprise switching, and network performance are introduced.
Designing and Supporting Computer Networks	Consolidates many of the concepts and introduces elements of network design, equipment selection and configuration, and LAN and WAN addressing. An integrated case study presents critical thinking scenarios to help students develop skills such as analyzing business objectives, determining technical requirements and constraints, planning timelines and resources, and preparing and delivering customer presentations

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 technology, healthcare, 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
www.cisco.com/go/netacad

Course Catalog
www.cisco.com/go/netacadcourses

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