

CCNA: Composite Course Cisco CCNA Certification (ICND1 & ICND2) Instructor-Led (Classroom) - Five Days

Course Description

Students will learn fundamental computer networking concepts and apply them as they configure a LAN/WAN network using Cisco routers and Catalyst switches. Through lectures, discussions, demonstrations, exercises, and laboratory projects, students are given information sufficient to identify and recommend the best Cisco solutions for anywhere from small to enterprise-sized businesses. CCNA ACC also provides the installation, configuration, and troubleshooting information that technical support people require to install, manage, and configure Cisco products.

Who Needs To Attend

Network Administrator
Network Engineer
Network Manager
Systems Engineer

Prerequisites

Basic computer literacy Windows navigation skills Basic Internet usage skills Fundamental understanding of data networking and IP addressing Familiarity with the Cisco IOS command-line interface

Course Content

Building a Simple Network

- Lesson 1: Exploring the Functions of Networking
- Lesson 2: Securing the Network
- Lesson 3: Understanding the Host-to-Host Communication Model
- Lesson 4: Understanding TCP/IP's Internet Layer
- Lesson 5: Understanding TCP/IP's Transport Layer
- Lesson 6: Exploring the Packet Delivery Process
- Lesson 7: Understanding Ethernet
- Lesson 8: Connecting to an Ethernet LAN

Ethernet Local Area Networks

- Lesson 1: Understanding the Challenges of Shared LANs
- Lesson 2: Solving Network Challenges with Switched LAN Technology
- Lesson 3: Exploring the Packet Delivery Process
- Lesson 4: Operating Cisco IOS Software
- Lesson 5: Starting a Switch
- Lesson 6: Understanding Switch Security
- Lesson 7: Maximizing the Benefits of Switching
- Lesson 9: Troubleshooting Switch Issues



Course Content - Cisco CCNA (Continued)

Wireless Local Area Networks

- Lesson 1: Exploring Wireless Networking
- Lesson 2: Understanding WLAN Security Lesson 3: Implementing a WLAN

Course Fee

\$ 3,225

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