



CTREC HILTON
IT ACADEMY

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Class Code: CCNABC
Number of Days: 5
Format: Instructor-Led

Cisco Certified Network Associate (CCNA) Version 2.0 - Certified

Course Description: This five-day course covers the essential topics of ICND1 and ICND2 in an intensive Bootcamp format. It teaches students the skills needed to install, operate, and troubleshoot a small-to-medium sized branch office Enterprise network, including configuring switches and routers, connecting to a WAN, and implementing network security. This course will also help students prepare for ICND1 Exam #640-822 and ICND2 Exam #640-816, or the CCNA Composite Exam #640-802.

Target Audience: CCNA 2.0 is intended for students who have general knowledge of local and wide area networking and the underlying protocols such as TCP/IP and are prepared to learn at a fast pace. The goal is to gain the skills needed to configure, operate, and support small-to-medium sized Cisco networks and is for students working towards CCENT through CCNA certification. Students with no prior knowledge of networking are encouraged to take the ICND1 and ICND2 classes individually to learn the CCNA foundational topics at a slower pace.

Prerequisites: To fully benefit from this course, learners should have the following prerequisite skills and knowledge:

- Take online qualifying quiz .
- Basic computer literacy, Internet and email usage skills.
- Basic understanding of network architecture and protocols.
- Basic Windows navigation skills.

Program Contents:

- ICND 1 and ICND 2 essential topics.
- Test Voucher.

Applicable Products:

- This class provides hands on labs for the Cisco 2800 series Routers and Cisco 2900 series switches.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Outline:

- The OSI Model and Networking Basics .
- Ethernet LANs and Switching .
- Cisco Router Basics.
- Basic Network Security.
- Routing.
- ACLs .
- WANs.
- IPv6.
- Wireless LANs.