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CISCO ICND1 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

The 5-day ICND1 (Interconnecting Cisco Networking Devices, Part 1) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is designed to provide the knowledge and skills needed to understand TCP/IP networks that are built with Cisco hardware. Students will also learn how to implement small switched and routed networks that consist of 1 to 20 hosts connected to a single switch. In addition, students will be led through all the exam objectives so that they are properly prepared to handle the CCENT certification exam at the end of the 5-day course.

By the end of the ICND1 training course, students will have an understanding of the following objectives:

- Simple networks
- Ethernet LANs
- Wireless LANs
- Connecting to LANs
- Wide Area Networks (WANs)
- Network environment management

This course is also the first step toward achieving the Cisco Certified Network Associate (CCNA) certification.

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.



PhoenixTS

301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: [Complaint Resolution Policy](#)

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: [Refund and Cancellation Policy](#)

Course Outline

Simple Network

- Network functions
- Process of securing the network
- Host-to-Host model
- TCP/IP's internet and transport layers
- Between hosts packet delivery
- Understanding and connecting to an ethernet

Ethernet LANs

- Shared LANs
- Network challenges of switched LAN
- Switch packet delivery
- Operation process for Cisco IOS
- Starting and securing a Cisco switch
- Benefits of and troubleshooting switches

Wireless LANs

- Wireless networking
- Securing WLANs
- WLAN implementation
- Requirements for VoIP

Connecting a LAN

- Routing functions
- Binary basics
- Networking addressing
- Beginning and configuring Cisco routers
- Router packet delivery
- Securing a router
- Security device manager with a Cisco router
- Router as a DHCP server
- Remote device access

WANs

- WAN technology
- Enabling internet connection, static routing and RIP
- Serial encapsulation configuration

Network Environment Management

- Uncovering network neighbors
- Router startup and configuration
- Cisco device management

ICND1 Exam

100-105 ICND1 Exam Details

- Number of Questions – 45-55
- Passing Score – 80%
- Exam Duration – 90 minutes
- Exam Format – multiple choice, multiple answer, drag and drop, testlets, simlets, router & switch simulations
- Exam Delivery – Pearson Vue

ICND1 exam candidates will be tested on the following topics:

- Network fundamentals

- LAN switching fundamentals
- Routing fundamentals
- Infrastructure services
- Infrastructure maintenance

After successfully passing the ICND1 exam, candidates will be awarded the CCENT certification.

ICND1 Certification Training FAQs

Are there prerequisites for the ICND1 certification training course?

Before attending the training ICND1 course, students should have an understanding of basic networking concepts.

Who is the ICND1 course designed for?

The ideal attendee for the ICND1 course and CCENT certification exam are the following individuals:

- Network Support Technicians
- Help Desk Technicians
- IT professionals who work with Cisco routed and switched networks

Is there a second part to the Interconnecting Cisco Networking Device training?

There are two parts to the ICND training. After completing both Part 1 and Part 2 (or the CCNAX training) and earning the CCENT certification, candidates are eligible to earn the Cisco Certified Network Associate (CCNA) certification after successfully completing the CCNA exam.

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submitted to the National Registry of CPE Sponsors through its web site:
www.nasbaregistry.org

Starting at **\$3,295**

ATTENTION

For GSA pricing or Contractor quotes call
301-258-8200 - Option 2.

GSA



Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

Included in this **ICND1 Certification Training**

- 5 days instructor-led training
- ICND1 Certification Training book
- Sample CCENT exam questions



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- CCENT exam voucher
- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*