



Course Overview

View course schedule

The CCNA qualification is a highly regarded credential for IT support staff and network administrators.

There is now an entry-level certification – Cisco Certified Entry Network Technician (CCENT) – of the knowledge and skill to install, operate and troubleshoot a small enterprise branch network, including basic network security. The CCENT certification is the first step toward achieving CCNA, which covers medium size enterprise branch networks with more complex connections.

Aims and Objectives

Upon completion of these courses, the student will have enough knowledge in preparation for Cisco CCNA Exam 640-822 and Exam 640-816

Target Audiences

This course is intended for network administrators and technicians, new to Cisco products and services, which are responsible for implementing and managing small and medium business networks.

Prerequisites

You should have a basic knowledge of PC configuration consistent with having gained A+ certification. Prior networking experience is desirable but not essential.

Course Content

CCNA ONE

- Module 1: Review of Networking
- Module 2: Cisco Network Devices
- Module 3: Networking with TCP/IP
- Module 4: Addressing and Routing
- Module 5: IP Routing Protocols
- Module 6: Basic Router Configuration
- Module 7: Cisco Layer 2 Switching
- Module 8: Configuring VLANS

CCNA TWO

- Module 1: Initial Router Administration
- Module 2: Building Routed Networks
- Module 3: Security and Network Address Translation
- Module 4: Serial Line Configuration
- Module 5: ISDN Configuration
- Module 6: Frame Relay Configuration
- Module 7: Basic Switch Configuration
- Module 8: Configuring VLANS

Course Duration	- 100 - 160 Hours
Flexible Study	- Full-time or part-time
Course Code	- 7307/7308