

# Interconnecting Cisco Network Devices pt1 v2.0

ICND1



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview

This course focuses on providing the skills and knowledge required to install, operate, configure, and verify a basic IPv4 and IPv6 network, including configuring a LAN switch, configuring an IP router, connecting to a WAN, and identifying basic security threats. At the end of this course students should be able to complete the configuration, implementation and troubleshooting of a small branch network under supervision.

## Certification

### Recommended preparation for exam(s):

- ✓ 100-101 - ICND1 Introduction to Cisco Network Devices Part 1 **OR**
- ✓ 200-120 - CCNA - This is a composite exam consisting of both ICND1 & ICND2
- ✓ Note: Passing the ICND1 exam (100-101) results in the award of the Cisco Certified Entry Network Technician (CCENT) certification. Students taking the composite exam will only be awarded the CCNA Routing and Switching Certification, they will not be awarded the CCENT certification.

## Target Audience

This course is intended for network engineers and administrators who will install, operate and troubleshoot a small branch office Enterprise network. This is an entry level course and is ideal for those individuals new to networking and looking to start their Cisco Career Certification accreditation.

## Pre-Requisites

### Attendees should meet the following prerequisites:

- ✓ Basic Windows navigation and keyboard literacy skills
- ✓ Basic Internet usage skills
- ✓ Basic IP addressing knowledge
- ✓ Global Knowledge also offer an Introduction to networking course which should be considered before attending this course.
- ✓ GK3150 - Understanding Networking Fundamentals

## Objectives

**After you complete this course you will be able to:**

- ✓ Describe network fundamentals and build simple LANs
- ✓ Establish Internet connectivity
- ✓ Manage network device security
- ✓ Expand small- to medium-sized networks with WAN connectivity
- ✓ Describe IPv6 basics

## Follow on Courses

**The following courses are recommended for further study:**

- ✓ ICND2 - Interconnecting Cisco Network Devices Part 2- Required to gain CCNA Routing and Switching Certification
- ✓ IINS - Implementing Cisco IOS Network Security- Required to gain CCNA Security Certification.
- ✓ IUWNE - Implementing Unified Wireless Networking Essentials- Required to gain CCNA Wireless Certification.
- ✓ ICOMM - Introducing Cisco Voice and Unified Communications Administration- Required to gain CCNA Voice Certification.
- ✓ SSPO - Supporting Cisco Service Provider IP NGN Operations - Required to gain CCNA SP Ops Certification.

## Further Information

### Recertification

CCENT certifications are valid for three years. To recertify, pass either the ICND1 or ICND2 exam, or pass the current CCNA Routing and Switching exam, or pass a CCNA Concentration exam (wireless, security, voice), or pass any 642-XXX professional level or Cisco Specialist exam (excluding Sales Specialist exams), or pass a current CCIE or CCDE written exam.