

# Interconnecting Cisco Networking Devices, Part 1 (ICND1)

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## Course Details

**Course #** ICND1  
**Vendor** Cisco Systems



## Prerequisites

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Before taking the ICND1 course, learners should be familiar with:

- Basic computer literacy Basic Internet usage skills
- Basic PC operating system navigation skills
- Basic IP address knowledge

## Course Description

**Summary** Interconnecting Cisco Networking Devices, Part 1 (ICND1) is the first course students need to attend to earn Cisco Career Certifications. This 5 day Instructor Led course allows students to learn the fundamentals of computer networking and prepares students to take the ICND1 exam. This course will enable students to understand QoS, virtualization and cloud services, and network programmability related to WAN, access and core segments. It will provide the foundational understanding of network layers 1-3 that are applicable to core routing and switching plus other advanced technologies.

Several topics have been added including; understanding the interactions and network functions of firewalls, wireless controllers and access points, along with additional focus on IPv6 and basic network security. The configuration commands are introduced through examples and supported with lab exercises. A full suite of labs have been developed using the virtual IOS environment with flexible topologies that reinforce concepts with hands-on, guided discovery and challenge labs that align to each lesson module. Upon completing this course, you will be able to meet these objectives:

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## Who Should Attend

- Channel Partners
- Customers
- Employees

## Course Outline

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## Lessons Learned

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