

## Implementing Cisco Switched Networks (SWITCH) v1.0

Implementing Cisco Switched Networks (SWITCH) v1.0 is a 5-day instructor-led training course, designed to help students prepare to plan, configure, and verify the implementation of complex enterprise switching solutions for campus environments using the Cisco Enterprise Campus Architecture. These skills are validated in the Cisco CCNP® Routing and Switching certification, a professional-level certification specializing in the routing and switching field.



### AUDIENCE

A network professional who will need to correctly implement switch-based solutions given a network design using Cisco IOS services and features. The typical job roles for this type of professional are network engineers, network operations center (NOC) technical support personnel, or help desk technicians.

### PREREQUISITES

Knowledge and experience equivalent to having attended the

- » *Interconnecting Cisco Networking Devices Part 1 (ICND1)* and
- » *Interconnecting Cisco Networking Devices Part 2 (ICND2)* courses.

### WHAT YOU WILL LEARN

Upon completing this course, the student will be able to meet these overall objectives:

- » Analyze campus network designs
- » Implement VLANs in a network campus
- » Implement spanning tree
- » Implement inter-VLAN routing in a campus network
- » Implement a highly available network
- » Implement high-availability technologies and techniques using multilayer switches in a campus environment
- » Implement security features in a switched network
- » Integrate WLANs into a campus network
- » Accommodate voice and video in campus networks

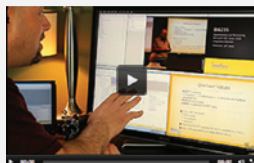
“Very good understanding of material. Great energy and love of the technology!”

Cisco Student  
Phoenix, AZ

**\$3195.00**

- 5-Day Course
- Cisco CCNP Routing and Switching curriculum track
- Promo & package discounts apply

**QUESTIONS?**  
Call 602-266-8585



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## **COURSE OUTLINE**

### **SWITCH: Implementing Cisco Switched Networks**

- » **Analyzing Campus Network Designs**
- » **Implementing VLANs in Campus Networks**
- » **Implementing Spanning Tree**
- » **Implementing Inter-VLAN Routing**
- » **Implementing a Highly Available Network**
- » **Implementing Layer 3 High Availability**
- » **Minimizing Service Loss and Data Theft in a Campus Network**
- » **Accommodating Voice and Video in Campus Networks**
- » **Integrating Wireless LANs into a Campus Network**