

## Course Introduction

This course is recommended training for individuals seeking an understanding and knowledge of networking fundamentals including the Open Systems Interconnect (OSI) model concepts, terminology and technologies. The course also provides learners with the basic skills and knowledge to configure a Cisco IOS router for network connectivity.

Attendees will learn how to configure Cisco router and switch to get familiar with internetworking implementation. Attendees can efficiently work with real network environment in their office. ACIS enhances this course by adding security concept using Access Control List (ACL), Harden Cisco router and also Dynamic routing protocol into CCNA curriculum.

## Course Objectives

- To assist student to successfully pass CCNA examination
- To enhance day to day network operation skill
- To understand basic networking knowledge
- As a prerequisite for CCNP and CCIE certification

## Course Highlights

- Network tools and simulation software provided
- Latest examination review
- Free 1 ACIS Alumni membership
  - Access latest information from instructor
  - Consulting from instructor

## Learning Level

- Foundation

## Course Duration

- 5 Days (30 Hours)

## Prerequisites

- None

## Target Group

- Ones who require the fundamental skills to develop and implement networking and internetworking into their organization.
- Network and Systems Administrators
- Network and Systems Engineers

- Network Security Administrator
- Technical Support/ Implementation Engineers / Consultant

## Course Outline

### ICND1 Section

- Module 1: Building a Simple Network
- Module 2: Ethernet LANs
- Module 3: Wireless LANs
- Module 4: LAN Connections
- Module 5: WAN Connections
- Module 6: Network Environment Management

### ICND2 Section

- Module 7: Review of Cisco IOS for Routers and Switches
- Module 8: Medium-Sized Switched Network Construction
- Module 9: Medium-Sized Routed Network Construction
- Module 10: Single-Area OSPF Implementation
- Module 11: Implementing EIGRP
- Module 12: Managing Traffic with Access Control Lists
- Module 13: Managing Address Spaces with NAT and IPv6
- Module 14: Extending the Network into the WAN

**For Full Course outline Please contact Information Security Training Division**

**สำรองที่นั่งและขอรับรายละเอียดเพิ่มเติมกรุณาติดต่อ (FOR MORE INFORMATION & REGISTRATION PLEASE CONTACT)**

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