



## Securing Cisco Wireless Enterprise Networks (WISECURE) v1.0

This course is to provide students information to secure Cisco wireless networks. The course provides guidelines for implementing Wi-Fi security architectures through proper configuration of Cisco wireless components. WISECURE provides students hands-on labs to reinforce concepts. Concepts taught include deploying Cisco AireOS 8.0, Cisco Prime Infrastructure Release 2.2, and Cisco Identity Services Engine Release 1.3 features.

### Course Objectives

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

- Define security approaches in a Wi-Fi design
- Describe how to design and deploy end point and client security
- Describe how to design and deploy ISE in a Wi-Fi network
- Explain how to secure the Wi-Fi infrastructure
- Design and deploy Wi-Fi access control
- Describe management and monitoring capabilities in the Wi-Fi environment
- Describe how to design and deploy end point and client security
- Describe how to design and deploy ISE in a Wi-Fi network
- Explain how to secure the Wi-Fi infrastructure
- Design and deploy Wi-Fi access control
- Describe management and monitoring capabilities in the Wi-Fi environment

### Who Should Attend

The primary audience for this course is as follows:

- Network Engineers
- Network Administrators
- Network Managers
- System Engineers

### Prerequisites

- Interconnecting Cisco Networking Devices Part 1 (ICND1) & Part 2 (ICND2)
- Implementing Cisco Wireless Network Fundamentals (WIFUND)

And knowledge of the following:

- Cisco Prime Infrastructure
- Cisco Identity Services Engine
- Metageek Channelizer Software
- Voice Signaling Protocol
- Basic QoS
- Application Visibility and Control
- LAN switching

### Course Outline

#### Module 1: Define Security Approaches in a Wi-Fi Design

- Defining Security Areas in the Wi-Fi Design
- Describing Security Approaches in Wi-Fi Designs

#### Module 2: Design and Deploy End Point and Client Security

- Defining Endpoint and Client Standards and Features

#### Module 3: Design and Deploy Cisco ISE and Management Platforms

- Cisco Network Security Architecture
- Profiles and Policies
- Guest Access
- Secure BYOD

#### Module 4: Secure Wi-Fi Infrastructure

- Defining Endpoint and Client Standards and Features

#### Module 5: Design and Deploy Wi-Fi Access Control

- Defining Wi-Fi Access Control Standards and Features

#### Module 6: Design and Deploy Monitoring Capabilities

- Defining Threat and Interference Mitigation Approaches in Wi-Fi



### Associated Certifications

CCNP Wireless

### Required Exam(s)

300-375

### Price

\$3,495.00

### Duration

5 days

### Methods of Delivery

- Instructor Led
- Distance Learning
- On-Site