

# Cisco Wireless LAN Advanced Topics (CWLAT)

Duration 4 Days

## COURSE CONTENT

The Cisco Wireless LAN Advanced Topics (CWLAT) v2.0 is a technical training course targeted to internal Cisco and channel external SEs and FEs. The goal of this course is to provide System Engineers and Field Engineers with a more in-depth understanding of the most innovative and comprehensive suite of WLAN solutions in the industry, spanning a wide range of customer sizes and needs.

## COURSE OBJECTIVES

- Describe detailed technical features, functions and benefits of the controller-based architecture
- Install and setup Cisco WCS and provide the information needed to configure a WLAN using Cisco WCS
- Manage the WLAN controller-based network with the Cisco WCS
- Troubleshoot and maintain a WLAN controller-based network
- Apply advanced applications to WLAN controller-based networks
- Administer security so that the WLAN controller-based network is safe from attack

## COURSE OUTLINE

- Describing the Cisco Unified Wireless Network
- Describing Controller-Based Architecture
- Implementing the WLAN with Cisco WCS
- Installing the Cisco Wireless Control System
- Configuring the Cisco Wireless Control System
- Managing the WLAN using the Cisco WLAN Controller
- Managing the Cisco Unified Wireless Network using Cisco WCS
- Managing the Cisco Unified Wireless Network using Controllers
- Troubleshooting the Cisco WLAN Controller-Based Wireless Network
- Describing the VoWLAN Infrastructure
- Implementing the VoWLAN Infrastructure
- Introducing the Cisco Wireless Location Appliance
- Deploying the Mesh Network
- Describing WLAN Security Design Concepts
- Securing the WLAN

## WHO SHOULD ATTEND

- Channel Partner / Reseller, Customer, Employee

## PREREQUISITES

- Basic Computer Literacy
- Knowledge of fundamental networking components and terminology
- Knowledge of the Open Systems Interconnection (OSI) reference model
- Knowledge of basic LAN components and functions