

# Cisco Wireless LAN Advanced Topics (CWLAT) v2.0

**Vendor Course Code:** CWLAT

**Course Length:** 4 days

**Overview:** 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.

**Skills Gained:** Upon completing this course, you will be able to meet these 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

**Key Topics:**

1. Describing the Cisco Unified Wireless Network
2. Describing Controller-Based Architecture
3. Implementing the WLAN with Cisco WCS
4. Installing the Cisco Wireless Control System
5. Configuring the Cisco Wireless Control System
6. Managing the WLAN using the Cisco WLAN Controller
7. Managing the Cisco Unified Wireless Network using Cisco WCS
8. Managing the Cisco Unified Wireless Network using Controllers
9. Troubleshooting the Cisco WLAN Controller-Based Wireless Network
10. Describing the VoWLAN Infrastructure
11. Implementing the VoWLAN Infrastructure
12. Introducing the Cisco Wireless Location Appliance
13. Deploying the Mesh Network
14. Describing WLAN Security Design Concepts
15. Securing the WLAN
16. Configuring Cisco Secure ACS

**Target Audience:**

- Channel Partner / Reseller
- Customer
- Employee

**Prerequisites:** \*\*ALL STUDENTS MUST SUPPLY THEIR OWN LAPTOP WITH WIRELESS CAPABILITY\*\*

- 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
- It is recommended that you attend Cisco Wireless LAN Fundamentals (CWLF) before attending this course.