

**Course content |**

This course enables a network administrator to deploy a WLAN Enterprise solution through the identification and successful implementation of site-appropriate hardware and software features in a Cisco Unified Wireless Network.

**Course objectives |**

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

- Identify key enterprise WLAN implementation challenges.
- Select and properly install the Cisco Unified Wireless Network (CUWN) hardware appropriate to site and use requirements.
- Use the CUWN interfaces to administer WLAN, VLANs, 802.11 security policies, and QoS appropriately to optimize performance on and protect the network.
- Configure and implement the key Unified Wireless security features to mitigate WLAN threats.
- Utilize the recommended troubleshooting methodology and the various tools available to gather and assess system data and isolate equipment failures and security threats.
- Administer, update, backup, restore, and use the Cisco Wireless Control System (WCS) as required to monitor CUWN equipment performance.
- Configure and use the WCS location tracking features and the Cisco Location Server as appropriate to locate users within a CUWN environment.

**Who should attend? |**

Channel Partner / Reseller, Customer, and Employee

**Pre-requisite |**

- Basic networking principles, TCP/IP, bridging, routing protocol, and VLAN operation. CCNA® certification required.
- Basic Microsoft Windows and Internet Browser navigation skills.

**Course details |**

- Cisco Unified Wireless Network Introduction
- Cisco Unified Wireless Network Hardware Installation
- Cisco Unified Wireless Network Administration
- WLAN Security
- WLAN Maintenance and Troubleshooting
- Cisco Wireless Control System
- Cisco Location Tracking

**Course duration |**

4 days