

Cisco Unified Wireless Networking Agenda

CUWN v6.0

(4-day class)

DAY 1

8:30 AM - 9:00 AM	Module 0: Course Introduction
9:00 AM-10:30 AM	Module 1: Cisco Unified Wireless Network Introduction <ul style="list-style-type: none">• Enterprise WLAN Solutions• Describing the Hardware
10:30 AM - 10:45 AM	Break
10:45 AM - 12:00 Noon	Module 1: Cisco Unified Wireless Network Introduction (Cont.) <ul style="list-style-type: none">• Terminology and Access Point Communications Protocols
12:00 Noon - 1:00 PM	Lunch
1:00 PM - 3:00 PM	Module 2: Cisco Unified Wireless Hardware Installation <ul style="list-style-type: none">• Controller Setup• Controller Settings• Link Aggregation• Lab: Cisco Wireless LAN Controller Setup
3:00 PM - 3:15 PM	Break
3:15 PM - 5:00 PM	Module 2: Cisco Unified Wireless Hardware Installation (Cont.) <ul style="list-style-type: none">• Access point Operational Modes• 802.11 Protocols, Performance Optimization, and Auto RF• Lab: Controller Web interface
5:00 PM	End of Day 1

Cisco Unified Wireless Networking Agenda
CUWN v6.0
(4-day class)

DAY 2

8:30 AM - 10:30 AM	Module 3: Cisco Unified Wireless Network Administration <ul style="list-style-type: none">• AP Association – Finding a Controller• Roaming
10:30 AM - 10:45 AM	Break
10:45 AM - 12:00 PM	Module 3: Cisco Unified Wireless Network Administration (Cont.) <ul style="list-style-type: none">• WLAN Administration
12:00 PM - 1:00 PM	Lunch
1:00 PM - 3:00 PM	Module 3: Cisco Unified Wireless Network Administration (Cont.) <ul style="list-style-type: none">• WLAN Administration (Cont.)• Lab: Layer 3 Deployment Options
3:00 PM - 3:15 PM	Break
3:15 PM - 5:00 PM	Module 3: Cisco Unified Wireless Network Administration (Cont.) <ul style="list-style-type: none">• Quality of Service• General Network Communications• 802.11 Weak Security Policy• Lab: Configuring Web Authentication
5:00 PM	End of Day 2

Cisco Unified Wireless Networking Agenda
CUWN v6.0
(4-day class)

DAY 3

8:30 AM - 10:30 AM

Module 4: WLAN Security
• **Security Configuration**

10:30 AM - 10:45 AM

Break

10:45 AM - 12:00 PM

Module 4: WLAN Security (Cont.)
• **Configuring the WLAN to support 802.1X Authentication**
• **Lab: Configuring PEAP Authentication with WPA2 Encryption**
• **Lab: Configuring Local EAP-Based EAP-FAST Authentication with WPA**

12:00 PM - 1:00 PM

Lunch

1:00 PM - 3:00 PM

Module 5: WLAN Maintenance and Troubleshooting
• **WLAN Troubleshooting**
• **Gathering VLAN Traffic and Data**

3:00 PM - 3:15 PM

Break

3:15 PM - 5:00 PM

Module 5: WLAN Maintenance and Troubleshooting (Cont.)
• **WLAN Policies and Management**
• **Device Code and Configuration Management**

5:00 PM

End of Day 3

Cisco Unified Wireless Networking Agenda
CUWN v6.0
(4-day class)

DAY 4

8:30 AM - 10:30 AM

Module 6: Cisco Wireless Control System

- Cisco Wireless Control System Overview
- Cisco WCS Installation

10:30 AM - 10:45 AM

Break

10:15 AM - 12:00 PM

Module 6: Cisco Wireless Control System (Cont.)

- Cisco WCS Administration
- Cisco WCS Configuration Tab
- Cisco WCS Monitor Tab
- Cisco WCS Reports

12:00 PM - 1:00 PM

Lunch

1:00 PM - 3:30 PM

Module 6: Cisco Wireless Control System (Cont.)

- Cisco WCS Maps and Planning
- Cisco WCS Guest Access Features
- Cisco WCS Navigator for Enterprise Management
- Lab: Managing the WLAN with Cisco WCS

3:00 PM - 3:15 PM

Break

3:15 PM - 5:00 PM

Module 7: Cisco Location Tracking

- Cisco WCS Location Tracking
- Cisco Mobility Services Engine

5:00 PM

Class Ends