



# Designing Cisco Enterprise Wireless Networks (ENWLSD) v2.0

Duration 5 Days

## COURSE DESCRIPTION

The Designing Cisco Enterprise Wireless Networks (ENWLSD) training introduces you to concepts you need to know when planning advanced designs of Cisco wireless products.

The training covers design specifics from scenario design concepts, through the installation phase, and into post-deployment validation.

## COURSE OBJECTIVES

- Describe Cisco-recommended structured wireless design methodology
- Describe wireless industry standards, amendments, certifications, and Retain for Comments (RFCs)
- Examine the wireless technology
- Describe and implement Cisco enhanced wireless feature
- Describe Cisco mobility, roaming, and Work Group Bridges
- Describe the wireless design process
- Describe and implement specific wireless application designs
- Describe and implement specific wireless network vertical designs
- Describe and implement bridge and mesh designs in wireless networks
- Describe special considerations in advanced wireless designs
- Understand requirements to adapt a wireless network for Cisco Connected Mobile Experiences (CMX) and Cisco Spaces
- Describe site survey processes
- Describe third-party planning tools
- Describe and implement wireless network validation processes
- Describe and implement final phases of the design project

## COURSE OUTLINE

- Module 1: Structured Wireless Design Methodology
- Module 2: Wireless Industry Protocols and Standards
- Module 3: The Science of Wireless Technology
- Module 4: Cisco Enhanced Wireless Features
- Module 5: Cisco Mobility and Roaming
- Module 6: Wireless Design Process
- Module 7: Wireless Network Design for Specific Applications
- Module 8: Wireless Network Design for Specific Verticals
- Module 9: Bridging and Mesh in Wireless Networks
- Module 10: Special Considerations in Advanced Wireless Designs
- Module 11: Cisco CMX and Cisco Spaces
- Module 12: Site Survey Processes
- Module 13: Wireless Network Design with Third-Party Tools

- Module 14: Wireless Network Validation Processes
- Module 15: Completing the Wireless Design Project

### PREREQUISITES

The knowledge and skills you are expected to have before attending this course are:

- General knowledge of networks
- General knowledge of wireless networks
- Routing and switching knowledge

These skills can be found in the following Cisco Learning Offerings:

- Understanding Cisco Wireless Foundations (WLFNDU)
- Cisco Certified Network Professional Enterprise (CCNP)

### WHO SHOULD ATTEND

- Network Engineers
- Systems Engineers
- Wireless Engineers
- Consulting Systems Engineers
- Technical Solutions Architects
- Network Administrators
- Wireless Design Engineers
- Network Manager

### CERTIFICATION

Associated Certification: CCNP Enterprise

Associated Exam: 300-425 ENWLSD