

Document Generated: 12/18/2025

Learning Style: Virtual Classroom

Technology: Cisco

Difficulty: Intermediate

Course Duration: 5 Days

Designing Cisco Enterprise Wireless Networks v1.0 (ENWLSD)



About this Course:

This course targets Network Professionals and provides them with the conceptual knowledge and understanding of the skillset needed for designing a wireless network. It majorly covers Unified Switching Architecture Best Practices & Policies and the applications of Cisco Controllers. The teachings of this course also discusses wireless component configuration in a comprehensive manner and help professionals learn the art of implementing mobility standards effectively. Businesses direly need the services of a proficient Network Engineer and such professionals usually earn \$100,025 annually.

This course presents a unique perspective to wireless network design and helps students learn the fundamentals of designing a Cisco Wireless Network. This course covers key designing concepts from the initial stages of customer contact to the final stages of post-deployment activities. Furthermore, the candidates also get to learn the basics of tools used in designing wireless networks and learn the art of managing wireless network design. This course encompasses theoretical lectures and practical labs designed to provide students with the practical experience of working with such technology.

Course Objectives:

The core objective of this course is to help professionals gain a better understanding and conceptual knowledge of the following key elements:

- Identifying Wi-Fi Infrastructure & Customer Design Process
- Data Coverage Designing
- Real-Time and Voice Application Designing
- Cisco CMX and Location Designing
- Wi-Fi and High-Density Designing
- The Fundamentals of Site Survey Conduction

Audience:

- Customers & Employers
- Channel Partners and Resellers

Prerequisite:

Professionals planning to enroll in the Designing Cisco Wireless Enterprise Networks (CS-WIDESIGN-5DAYS) course are recommended to have familiarity with the following:

- Fundamental Knowledge of Cisco Prime Infrastructure
- Know-how of the Basics of Quality of Service
- Familiarity with Cisco Identity Services Engine
- Essentials of Cisco Voice Signaling Protocols
- Foundational Knowledge of MetaGeek Chanalyzer

- Familiarity with Cisco Application Visibility and Controls (AVC)
- Knowledge of LAN Switching

Course Outline:

- **Module 1: Determine Customer Wi-Fi Design Process**
- **Module 2: Design for Data Coverage**
- **Module 3: Design for Voice and Real-Time Applications**
- **Module 4: Design for Location and Cisco CMX**
- **Module 5: Design for Wi-Fi Beyond the Enterprise Campus**
- **Module 6: Conduct a Site Survey**