

Designing Cisco Wireless Enterprise Networks v1.1 (WIDESIGN)

Course Overview

[View Course Dates & Register Today](#)

This is a 5-day class

The student will learn how to design a Cisco wireless network from initial customer contact to post deployment activities. The student will use tools to assist in wireless design and management.

Who Should Attend

This course is designed for individuals who are involved in the technical management of Cisco wireless platforms and solutions, which involves installing, configuring, operating and troubleshooting. In this course, the target audience will be referred to generically as “technicians”.

Course Objectives

Upon completing this course, you will be able to meet these objectives: - Determine customer Wi-Fi design process - Design for data coverage - Design for voice and real-time applications - Design for location and Cisco CMX - Design for Wi-Fi beyond the enterprise campus - Describe how to conduct a site survey

Course Outline

1 DETERMINE CUSTOMER WI-FI DESIGN PROCESS

Determining Customer Design Technical and Business Objectives
Determining the Type of Wireless Design
Gathering Existing Documentation and Important Information
Meeting with the Customer

2 DESIGN FOR DATA COVERAGE

Describing Common Business and Technical Drivers
Describing Cisco Capabilities
Planning and Designing for RF
Describing Deployment Models
Describing Campus Considerations

3 DESIGN FOR VOICE AND REAL-TIME APPLICATIONS

Describing Common Business and Technical Drivers
Describing Cisco Capabilities
Describing RF Planning and Design
Describing Cisco AVC and QoS

4 DESIGN FOR LOCATION AND CISCO CMX

Describing Common Business and Technical Drivers
Describing Cisco Capabilities
Describing RF Planning and Design
Cisco CMX Ecosystem Analytics and Development

5 DESIGN FOR WI-FI BEYOND THE ENTERPRISE CAMPUS

Describing Common Business and Technical Drivers
Describing Cisco Capabilities
Describing RF Planning and Design

Designing Cisco Wireless Enterprise Networks v1.1 (WIDESIGN)

6 CONDUCT A SITE SURVEY

- Describing Access and Safety Concerns
- Describing the Initial Evaluation
- Describing Predictive Planning
- Describing the In-Depth Site Survey
- Describing the Post deployment Survey