

# Designing Cisco Wireless Enterprise Networks (WIDESIGN)

Duration 5 Days

## COURSE CONTENT

This course is a 5 day ILT class that offers a new perspective on designing your wireless networks. The student will learn how to design a wireless network from the beginning to end, from customer-first contact to post-deployment reports. The student will learn how to conduct walk-throughs, identify difficult areas and optimize the survey process to provide a better AP-to-coverage ratio.

Upon completion of the course, students will have the knowledge and skills to:

- Understand the needs of wireless networks today
- Wireless Architectures and Core Components
- Wireless Design Methodologies and Best Practices
- Designing for Real-Time Applications
- Examining Planning and Design Tools
- Implementing a Wireless Design
- Troubleshoot Methodology

## 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

## PREREQUISITES

It is recommended, but not required, that students have the following knowledge and skills before attending this course:

- Interconnecting Cisco Networking Devices Part 1 (ICND 1)
- Implementing Cisco Wireless Network Fundamentals (WIFUND)

Basic knowledge of:

- Cisco Prime Infrastructure
- Cisco Identity Services Engine
- Metageek Channelizer Software
- Voice Signaling Protocol
- Basic QoS
- Application Visibility and Control
- LAN switching

## PREREQUISITES

- Channel Partners and Resellers, Customers, Employees