



# Designing Cisco Wireless Enterprise Networks

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**Code:** WIDESIGN-v1.0-SUB

**URL:** [View Online](#)

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This is a Professional-level self-study technical course in the curriculum for the CCNP Wireless certification. It 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.

## Skills Gained

- 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

## Who Can Benefit

- Wireless network engineers with at least three years of experience in the networking field.

## Prerequisites

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

## Course Details

## Cisco Digital E-Learning benefits students in many ways, as it's:

- **Effective:** Covers every learning style, with HD instructor-led video, searchable transcripts, and full Student Guide textbook
- **Interactive:** Offers engaging Discovery Labs for hands-on learning, plus graded challenge assignments to measure progress
- **Flexible:** Increases learning convenience, as students can work at their own pace, anytime, anywhere
- **Integrated:** Provides everything in one place; no multiple systems to log into
- **Unrivaled:** Gives you the benefits of Cisco expertise, based on years of unmatched learning and certification experience

## Other Instructional features include:

- Search, which lets students go through all the instruction guides, as well as transcripts of videos
- Lab recordings, which let students see how other students performed in labs, to improve peer learning
- Labs-at-a-glance, showing each student's complete and incomplete labs, so they can track progress and make improvements
- Compatibility with smartphones and tablets, so students can learn wherever they go, with their progress saved for them
- Synchronized learning on multiple devices, so students can switch between a laptop and a tablet without losing their place
- Gamification, with achievement badges and medals awarded for mastering content and study techniques
- Leaderboard, indicating how the top 10 students rank, to add a friendly, competitive element
- Bookmarking, which lets students flag and add notes to important concepts or areas they want to review
- Glossary that can be easily browsed, with important terms highlighted
- Social media links, so students can share their progress on Facebook, LinkedIn, or Twitter
- Certificate of completion awarded to all students who finish each course
- Topic videos, including slides and a whiteboard to illustrate important fundamentals from a specific topic or subtopic

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