

Understanding Cisco Wireless Foundations (WLFNDU)

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The Understanding Cisco Wireless Foundations (WLFNDU) course teaches you the knowledge and skills you need to configure, manage, and troubleshoot a Cisco wireless LAN (WLAN) network. Topics include understanding critical aspects of RF technology, industry standards for Wi-Fi and security, how to design, install, and configure a WLAN network of any size, and using Cisco DNA Center. This training also earns you 30 Continuing Education (CE) credits towards recertification.

How you'll benefit

This class will help you:

- Learn the skills, technologies, and best practices needed to manage a Cisco WLAN network
- Understand and implement a Cisco wireless network architecture
- Design and implement WLAN maintenance and troubleshooting solutions
- Earn 40 CE credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- Network Engineer
- Systems Engineer
- Wireless Engineer
- Technical Solutions Architect
- Network Administrator
- Wireless Design Engineer
- Network Manager

Course Duration

5 days

Course Price

\$4,295.00 or 43 CLCs

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

Prerequisites

We recommend but do not require that you have the following knowledge and skills before taking this course

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

OUTLINE

Module 1: RF and WLAN Theory

Module 2: WLAN Math and Antennas

Module 3: Wi-Fi Operations

Module 4: Basic WLAN Security

Module 5: Advanced WLAN Security

Module 6: Configuring WLAN Security

Module 7: Cisco Wireless Network Architecture

Module 8: Implementing Cisco Wireless Network

Module 9: Implementing Cisco Wireless Network Wired Support

Module 10: Deploying Cisco Centralized Wireless Networks

Module 11: Configuring Cisco Centralized Wireless Networks

Module 12: Maintaining and Troubleshooting Cisco Wireless Networks

Module 13: Managing and Monitoring Cisco Wireless Networks with Cisco DNA Center

LAB OUTLINE

Lab 1: Practice RF Math

Lab 2: Antenna Calculations

Lab 3: Explore the Wi-Fi Environment

Lab 4: Analyze Wireless Frames

Lab 5: Configure Client Access

Lab 6: Deploy Cisco 9800 WLC

Lab 7: Configure Cisco 9800 WLC

Lab 8: Perform Cisco 9800 WLC Maintenance