

## UNDERSTANDING CISCO WIRELESS FOUNDATIONS (WLFNDU) V2.0

### UNDERSTANDING CISCO WIRELESS FOUNDATIONS (WLFNDU) V2.0

The Understanding Cisco Wireless Foundations (WLFNDU) V1.0 course gives you the knowledge and skills you need to position, plan, implement, operate, and manage a Cisco® wireless LAN (WLAN) network. This course teaches you how to design, install, configure, monitor, and conduct basic troubleshooting tasks on a Cisco WLAN network of any size. This course does not lead directly to a certification exam, but it does cover foundational knowledge that can help you prepare for professional-level enterprise wireless courses and exams. Designing Cisco Enterprise Wireless Networks (ENWLSD) 300-425 Designing Cisco Enterprise Wireless Networks (ENWLSD). Implementing Cisco Enterprise Wireless Networks (ENWLSI) 300-430 Implementing Cisco Enterprise Wireless Networks (ENWLSI)

#### 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

### 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**