

**Document Generated:** 11/15/2024

**Learning Style:** On Demand

**Provider:** Cisco

**Difficulty:** Intermediate

**Course Duration:** 40 Hours

## Understanding Cisco Wireless Foundations (WLFNDU) v1.0 - On Demand



### About this course:

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)
- Implementing Cisco Enterprise Wireless Networks (ENWLSI)

## **Course Objective:**

After taking this course, you should be able to:

- Describe and implement foundational wireless theory
- Describe and implement basic wireless security and client access
- Describe and implement a Cisco wireless network architecture
- Configure Cisco centralized wireless networks
- Describe and implement WLAN maintenance and troubleshooting

## **Audience:**

- Network engineer
- Systems engineer
- Wireless engineer
- Technical solutions architect
- Network administrator
- Wireless design engineer
- Network manager

## **Prerequisite:**

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

## **Course Outline:**

- **Describing and Implementing Foundational Wireless Theory**
- **Describing and Implementing Foundational Wireless Math and Antennas**
- **Describing and Implementing Foundational Wireless Operation**
- **Describing and Implementing Basic Wireless Security**
- **Describing and Implementing 802.1X and Extensible Authentication Protocol (EAP)**
- **Implementing Wireless Guest Access and Configuring Wireless**

## Security

- Describing and Implementing Cisco Wireless Network Architecture
- Describing and Implementing Cisco Wireless Network
- Describing and Implementing Cisco Wireless Network Wired Support
- Configuring Cisco Centralized Wireless Networks
- Describing and Implementing WLAN Maintenance and Troubleshooting

## Credly Badge:



### Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)