

## Understanding Cisco Wireless Foundations

**Duration: 5 Days    Course Code: WLFNDU    Version: 1.0**

### Overview:

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 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 will help you to learn the skills, technologies and best practices needed to manage a Cisco WLAN network, to understand and implement a Cisco wireless network architecture, and to design and implement WLAN maintenance and troubleshooting solutions.

### Target Audience:

Individuals involved in the technical management of Cisco wireless platforms and solutions.

### Objectives:

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|--------------------------------------------------------------------|----------------------------------------------------------------|
| ■ <b>After Completing this course, you should be able to:</b>      | ■ Describe and implement a Cisco wireless network architecture |
| ■ Describe and implement foundational wireless theory              | ■ Configure Cisco centralized wireless networks                |
| ■ Describe and implement basic wireless security and client access | ■ Describe and implement WLAN maintenance and troubleshooting  |

### Prerequisites:

**Attendees should meet the following prerequisites:**

- General knowledge of networks
- General knowledge of wireless networks
- Routing and switching knowledge
- CCNA - Implementing and Administering Cisco Solutions

### Testing and Certification

**Recommended as preparation for the following exams:**

- There is no exam currently aligned to this course

### Follow-on-Courses:

**The following courses are recommended for further study:**

- **ENWLSD** - Designing Cisco Enterprise Wireless Networks
- **ENWLSI** - Implementing Cisco Enterprise Wireless Networks
- **ENWLSD** - Designing Cisco Enterprise Wireless Networks
- **ENWLSI** - Implementing Cisco Enterprise Wireless Networks

## Content:

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|---------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Describing and Implementing Foundational Wireless Theory            | Describing and Implementing 802.1X and EAP                           | Describing and Implementing Cisco Wireless Network Wired Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Describing and Implementing Foundational Wireless Math and Antennas | Implementing Wireless Guest Access and Configuring Wireless Security | Configuring Cisco Centralized Wireless Networks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Describing and Implementing Foundational Wireless Operation         | Describing and Implementing Cisco Wireless Network Architecture      | Labs:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Describing and Implementing Basic Wireless Security                 | Describing and Implementing Cisco Wireless Network                   | <ul style="list-style-type: none"><li>■ Explore the Physics of Wi-Fi</li><li>■ Explore the Wi-Fi Environment</li><li>■ Analyze Wireless Frames</li><li>■ Configure Client Access</li><li>■ Configure the Wired Infrastructure</li><li>■ Configure a Centralized Cisco WLC Deployment</li><li>■ Configure a Centralized WLAN Deployment</li><li>■ Configure an IPv6 Operation in a Centralized WLAN Deployment</li><li>■ Optimize RF Conditions and Performance for Clients</li><li>■ Perform Centralized Controller Maintenance</li><li>■ Use Troubleshooting Tools</li></ul> |

## Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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