

Understanding Cisco Wireless Foundations

Duration: 180 Days **Course Code: WLFNDU** **Version: 2.0** **Delivery Method: Elearning**
(Self-paced)

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:

- **After Completing 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

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:

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: <ul style="list-style-type: none">■ Explore the Physics of Wi-Fi■ Explore the Wi-Fi Environment■ Analyze Wireless Frames■ Configure Client Access■ Configure the Wired Infrastructure■ Configure a Centralized Cisco WLC Deployment■ Configure a Centralized WLAN Deployment■ Configure an IPv6 Operation in a Centralized WLAN Deployment■ Optimize RF Conditions and Performance for Clients■ Perform Centralized Controller Maintenance■ Use Troubleshooting Tools
Describing and Implementing Basic Wireless Security	Describing and Implementing Cisco Wireless Network	

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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