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## Understanding Cisco Wireless Foundations

**Duración: 5 Días**    **Código del Curso: WLFNDU**    **Version: 1.0**

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### Temario:

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 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 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.

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### Objetivos:

- **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
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### Prerequisitos:

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
  - CCNABC - Cisco CCNA Routing and Switching Boot Camp (CCNAX - Accelerated)
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### Siguientes cursos recomendados:

- ENWLSA - Designing Cisco Enterprise Wireless Networks
  - ENWLSI - Implementing Cisco Enterprise Wireless Networks
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## Contenido:

### 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 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

### Lab Outline

- 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

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## Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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