

# Implementing Cisco Wireless Network Fundamentals



Seminar



Zurzeit keine Termine



Teilnahmebescheinigung



Präsenz



40 Unterrichtseinheiten

Seminarnummer: 25325 | Herstellernummer: CI-WIFUND

Stand: 21.10.2025. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/25325>

Der Kurs richtet sich an Personen, die an der technischen Verwaltung von Cisco Wireless-Plattformen und -Lösungen beteiligt sind. Dazu gehören Installation, Konfiguration, Betrieb und Fehlerbehebung.

## Nutzen

- Understand basic RF principles and characteristics
- Understand WLAN security methods and access with different client devices
- Define Cisco WLAN architecture and underlying infrastructure used to support it
- Implement a central wireless access network using AireOS or IOS-XE wireless LAN controllers
- Implement a converged wireless access network using IOS-XE converged access switches and wireless LAN controllers
- Implement small and remote access wireless networks using FlexConnect, Autonomous or Cloud architectures
- Perform basic WLAN maintenance and troubleshooting
- Describe requirements for WLAN design

## Zielgruppe

This course is relevant for individuals pursuing Wireless Network Administrator roles within SMB or Enterprise IT organizations, working towards the CCNA Wireless certification. These individuals will have a foundational level knowledge of routing and switching and this certification validates their skills and knowledge as an associate level wireless network engineer.

## Voraussetzungen

It is recommended, but not required, that students have the following knowledge and skills before attending this course:

- Interconnecting Cisco Networking Devices Parts 1 & 2 (ICND1 & ICND2) or
- Cisco CCENT certification

## Inhalte des Seminars

The Implementing Cisco Wireless Network Fundamentals course prepares you for CCNA Wireless certification and specialization in the wireless field. This course covers use, positioning, planning and implementation of Cisco WLAN networks. The labs and course content will give you the skills needed to design, install, configure, monitor and troubleshoot a Cisco WLAN in SMB and Enterprise installations. How is this course different from the Implementing Cisco Unified Wireless Networking Essentials (IUWNE) course that it replaces?

The following topics have been added to this course:

- Expanded understanding of RF theory, RF mathematics and antenna characteristics
- Added focus on 802.11ac access points, controllers, and wireless standards
- Improvements to wireless access security including Web Authentication method
- Includes new wireless architectures for Unified Access and Cloud Managed
- Client mobility topics now include centralized and converged options
- Expanded design topics to include predictive analysis along with pre and post deployment site surveys
- Enhancements to controller based monitoring and new applications for troubleshooting
- Wireless network management options include Cisco Prime Infrastructure and Identity Services Engine

## Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter <https://akademie.tuv.com/s/25325> und profitieren Sie von diesen Vorteilen:

- Schneller Buchungsvorgang
- Persönliches Kundenkonto
- Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.