Certified Wireless Technician

Category: Infrastructure & IT Operations | **Vendor:** CWNP

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Certified Wireless Technician (CWT)
Related Exam:	CWT-101

Course Overview

The Certified Wireless Technician (CWT) is an individual who can install APs based on a design document, configure the AP for initial operations and ensure connectivity. The individual can troubleshoot basic problems and assist users in-person or through remote communications in problem resolution. The ability to configure a WLAN client for connectivity is paramount with an understanding of the configuration process for SSIDs, security settings and other client adapter settings. This individual is not responsible for WLAN design, analysis or security design; however, the CWT should be able to gather information from a design specification document to properly configure an AP and troubleshoot individual connection issues. The CWT may not be aware of the actual WLAN architectural design, the RF design or the full feature set in use to implement the WLAN.

The CWT certification is an entry-level WLAN certification from the vendor-neutral CWNP organization that brought you CWNA and other advanced certifications. To earn the CWT certification, you must pass an online exam with a score of 70% or higher.

About This Course

The Certified Wireless Technician (CWT) is an individual who can install APs based on a design document, configure the AP for initial operations and ensure connectivity. The individual can troubleshoot basic problems and assist users in-person or through remote communications in problem resolution. The ability to configure a WLAN client for connectivity is paramount with an understanding of the configuration process for SSIDs, security settings and other client adapter settings. This individual is not responsible for WLAN design, analysis or security design; however, the CWT should be able to gather information from a design specification document to properly configure an AP and troubleshoot individual connection issues. The CWT may not be aware of the actual WLAN architectural design, the RF design or the full feature set in use to implement the WLAN.

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Who Should Attend

IT Support and those installing APs.

Prerequisites & Entry Requirements

General Prerequisites:

Students should have basic networking knowledge, including understanding of the OSI Reference model.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Upon completing this course, the learner will be able to meet these overall objectives:

- Understand Basic RF Hardware and Functions
- Identify 802.11 Features and Functions
- Identify Wireless LAN Hardware and Software
- Understand Organizational Goals

Detailed Course Outline

RF Frequency Fundamentals

- Identify RF Characteristics
- Explain basic RF Behaviours
- Understand how to detect RF Signal Factors

Antennas and Accessories

- Describe the basic differences among antenna types
- Select the appropriate external antenna when required

The 802.11 Channels and Operations

- Know the Frequency bands used
- Explain the basic WLAN location process
- Describe the basic steps required in the WLAN connection process
- Determine the channels and streams supported by client devices

WLAN Clients : Features and Capabilities

- Describe client types and varying capabilities
- Determine the channels and streams supported by client devices

WLAN Clients: configuration and Management

- Configure client devices
- Configure various client operating systems for wireless connectivity

WLAN APS: Hardware and Mounting

- Identify AP features and capabilities and understand configuration options related to them
- Select appropriate mounding kits for a specified installation location
- Ensure proper PoE provisioning when required

WLAN APs: Configuration and Management

- Configure APS as standalone devices

- Validate AP wired interface connectivity
- Validate proper AP WLAN configuration

WLAN Security

- Understand the basics of 802.11 security solutions
- Identify legacy security technologies that should not be used
- Configure security parameters in an AP
- Configure security Parameters in a client device

Troubleshooting Connection Issues

- Troubleshoot connectivity problems
- Troubleshoot performance problems
- Troubleshoot security problems
- Troubleshoot mobility problems

Instructor Demo

- Configuring a client
- Verifying POE Power
- Configuring an AP
- Configuring Security Settings
- Troubleshooting with Spectrum Analyzer. Protocol Analyzer and Wi-Fi Scanner

Certification Path

Certified Wireless Technician (CWT)

Exam: CWT-101

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for Certified Wireless Technician?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Certified Wireless Technician course helps prepare you for the Certified Wireless Technician (CWT) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the CWT-101 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day Certified Wireless Technician course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Certified Wireless Technician training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Certified Wireless Technician?

Yes, we provide corporate training, dedicated training, and closed classes for Certified Wireless Technician. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Certified Wireless Technician, Administrator Level, CWT

Q: Why choose Nexus Human for Certified Wireless Technician?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Certified Wireless Technician training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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