

CWAP - Certified Wireless Analysis Professional

Price: 3195

Duration:

Delivery Methods: Virtual

Overview

This official Certified Wireless Analysis Professional , or CWAP, training class is designed to provide the candidate with Wireless LAN analysis and troubleshooting tools. This training introduces the student to Physical and MAC Layer Formats and Technologies, Protocol Operation, and Analysis Tools and their Methodologies.

This training will demonstrate the most up-to-date enterprise wireless LAN analysis and troubleshooting concepts. It delves deeply into the functionality of WLANs, intended operation of the 802.11 protocol and Wi-Fi Alliance specifications, WLAN frame formatting and structure, troubleshooting methodology, and protocol analysis.

In addition, it exposes the student to in-depth training in modern spectrum analysis with a focus on advanced RF behavior analysis, data collection methods, interpreting spectrum plots and charts, and understanding advanced features of WLAN spectrum analyzers.

Students who are successful in this class will acquire the necessary skills for analyzing, assessing, and troubleshooting wireless operation in the enterprise, utilizing hardware and software solutions from the industry's leading manufacturers.

Main Areas Covered by CWAP:

- Exploration of Layers
- Frames, Exchanges, and Transmission Methods
- Analysis, Assessment, and Troubleshooting Concepts

Prerequisites

To be successful in this class, the student should possess:

- an active Certified Wireless Network Administrator (CWNA) certification
- a thorough understanding of RF Technologies
- an understanding of Applications of 802.11 network

Course Objectives

By the end of this training, the student should be able to:

- understand frame formatting and structure
- explain the concept of RF Behavior Analysis
- define the Advanced Features of WLAN Spectrum Analyzers
- understand Data Collection Method Options
- describe Analysis, Assessment, and Troubleshooting Methodologies

Course Outline

- Module 1: 802.11 Summary
- Module 2: Protocol Analysis
- Module 3: Physical Layer
- Module 4: 802.11 MAC Frames
- Module 5: BSS Association, Transition, and Security Exchanges
- Module 6: Medium Access Methods and QoS Frame Exchanges
- Module 7: MAC Operations
- Module 8: HT, VHT, and HE Operations
- Module 9: Spectrum Analysis

Course Schedule

Date	Time	Price	Options
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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

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What is your late policy?

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What happens when I finish my class?

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