Document Generated: 11/05/2026

Learning Style: On Demand

Technology:

Difficulty: Intermediate

Course Duration: 13 Hours

Certified Wireless Security Professional (CWSP)



About this course:

This series covers the functions and features of Certified Wireless Security Professional. Students will learn the basics of WLAN security, Legacy security, encryption ciphers and methods, 802.11 authentication methods. They will then learn about dynamic encryption key generation, SOHO 802.11 security, fast secure roaming, wireless security risks, and wireless LAN security auditing. They will also learn how to implement wireless security monitoring, VPNs, remote access and guest access services, the WLAN security infrastructure, and WLAN security infrastructure.

The average salary for a Certified Wireless Security Professional is **$95,000** per year

Course Objective:

After completing this course, students will have a working understanding of:

- WLAN Discovery Techniques
- Intrusion and Attack Techniques
- 802.11 Protocol Analysis
- Wireless Intrusion Prevention Systems (WIPS) Implementation
- Layer 2 and 3 VPNs used over 802.11 networks
- Enterprise/SMB/SOHO/Public-Network Security design models
- Managed Endpoint Security Systems802.11 Authentication and Key

Audience:

This course is intended for:

- Wireless professionals looking to gain cutting-edge wireless security expertise and earn the CWSP credential should attend.

Prerequisites:

The Following prerequisite knowledge and skills are suggested prior to attending the CWSP Course:

- CWNA Certification or the equivalent in knowledge and experience

Suggested prerequisites courses:

- Certified Wireless Network Administrator (CWNA)
- Certified Wireless Security Professional (CWSP)

Course Outline:

- **Module 01 - WLAN Security Overview**
- **Module 02 - Legacy Security**
- **Module 03 - Encryption Ciphers and Methods**
- **Module 04 - 802.11 Authentication Methods**

- **Module 05 - Dynamic Encryption Key Generation**
- **Module 06 - SOHO 802.11 Security**
- **Module 07 - Fast Secure Roaming**
- **Module 08 - Wireless Security Risks**
- **Module 09 - Wireless LAN Security Auditing**
- **Module 10 - Wireless Security Monitoring**
- **Module 11 - VPNs, Remote Access and Guest Access Services**
- **Module 12 - WLAN Security Infrastructure**
- **Module 13 - Wireless Security Policies**

Credly Badge:



Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your Linkedin profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

Find Out More or See List Of Badges