

# CWSP - Certified Wireless Security Professional

## Course Description and Overview

### Overview

SecureNinja's CWSP training and certification boot camp in Washington, DC will prepare students is a professional level wireless LAN certification for the CWNP Program.

The skills and knowledge measured by the CWSP examination are derived from a survey of wireless networking experts from around the world. The results of this survey were used in weighing the subject areas and ensuring that the weighting is representative of the relative importance of the content.

The CWSP certification will advance your career by ensuring you have the skills to successfully secure enterprise Wi-Fi networks from hackers, no matter which brand of Wi-Fi gear your organization deploys.

### Topics Covered

- 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 Management Protocols
- Enterprise/SMB/SOHO/Public-Network Security Solution Implmentation
- Building Robust Security Networks from the ground up
- Fast BSS Transition (aka. Fast/Secure Roaming) Techniques
- Thorough coverage of all 802.1X/EAP types used in WLANs
- Wireless LAN Management Systems (WNMS)
- Authentication Infrastructure Design Models
- Using Secure Applications
- 802.11 Design Architectures
- Implementing a Thorough Wireless Security Policy

### Required Exams

To earn the CWSP certification, you must pass the CWSP-205 exam

### Course Length

40 hours

### Follow On Courses

CWNA

## About SecureNinja

SecureNinja Training is the DC's Area's #1 Expert IT Training Center . We are conveniently located in beautiful Historic Old Town Alexandria, VA enhancing your training experience and featuring:

- Metro Accessibility - Short walk from Metro Blue/Yellow Line (leave the car behind)
- 4 minute Drive to Ronald Reagan Washington National Airport
- Available Parking
- World class restaurants and shops at your footsteps
- Closest Expert IT & IT Security Training Center to Fort Belvoir, Boiling AFB, Fort Myer, Department of Homeland Security, US Department of Navy, US Coast Guard, Fort McNair, Washington Navy Yard and the Pentagon

## Why Choose SecureNinja for your Washington DC Expert IT Training?

- Expert Instructors
- Highest Pass Rates
- Choose from Day, Evening & Weekend Classes to meet your busy schedule
- Accelerated Boot Camps Save You Time And Money
- Personal 1-1 Mentoring
- Paid Internships & Job Referrals!
- Meet Your DoD 8570-1 Certification Needs. Get Compliant!
- SecureNinja is the ONLY Testing Center that offers ALL 5 industry standard test vendors in the DC / Baltimore Metropolitan Area. ( VUE, Kryterion-Online, Certiport and Impact-Testing)
- Lowest Prices! We are locally based keeping our overhead low so we can pass the savings along to you
- Washington, DC is our Home. Most training centers set up shop in hotels or rented centers. When you have a need, request or encounter a problem they are not there to answer. Our physical location in Alexandria is open 7 days a week and our staff always there to help.