

CWNA Certified Wireless Network Administrator

PREREQUISITE: Basic Network Fundamentals, preferably Comptia N+ or Higher network related Training/ Certification

Duration: 6 weeks

CWNP™ Certification Program

The Certified Wireless Network Professional Training & Certification Program is intended for individuals who administer, install, design, and support IEEE 802.11 compliant wireless networks. Because the CWNP program is vendor neutral, candidates who achieve the different levels of CWNP Certification will be trained and qualified to administer and support many different brands of wireless LAN hardware. Although there are many manufacturers of wireless LAN hardware, the technologies behind the hardware – Radio Frequency and Local Area Networking – are

the same for each piece of gear. Each manufacturer approaches these technologies in different ways. The CWNP program consists of 4 levels of certification:

Administrator – Site survey, installation, and management of 802.11

compliant wireless LANs

Security Professional – Design and implementation of 802.11 security techniques, processes, hardware, and software

Integrator – Design, management, QoS, advanced site surveying, advanced RF theory, and vertical market analysis of 802.11 compliant wireless LANs

Expert – Wireless LAN packet analysis and troubleshooting using the latest software tools

Course Content

- Introduction to Wireless LANs
- Radio Frequency (RF) Fundamentals
- Spread Spectrum Technology
- Wireless LAN Infrastructure Devices
- Antennas and Accessories
- Wireless LAN Organizations and Standards
- 802.11 Network Architecture
- MAC and Physical Layers
- Troubleshooting Wireless LAN Installations

- Wireless LAN Security
- Site Survey Fundamentals

Why Become CWNA Certified?

Planet3 Wireless, Inc. has created a certification program, not unlike those of Cisco, Novell, and Microsoft, that gives networking professionals a standardized set of measurable wireless LAN skills and employers a standard level of wireless LAN expertise to require of their employees.

Passing the CWNA exam proves you have achieved a certain level of knowledge about wireless networking. Where Cisco and Microsoft

certifications will prove a given level of knowledge about their products, the CWNA exam is proof of achievement about wireless technology that can be applied to any vendor's products. The wireless LAN industry is still in its infancy, much like the world of networking LANs and WANs was in the early 1990s. Learning wireless networking sets you apart from your peers and your competition.

For some positions, certification is a requirement for employment, advancement, or increases in salary. The CWNP program is positioned to

be that certification for wireless networking. Imagine if you had CCIE, MCSE, or CNE in 1993! Advancement in wireless technologies will follow the same steps as other certifications – an increase in responsibilities within your organization, perhaps followed by increases in salary.

How Do You Get CWNA Certified?

The CWNP program consists of multiple levels of certification, beginning with CWNA. You can become CWNA certified by passing one written exam. The CWNA exam is currently available at all Prometric Testing Centers worldwide.