

PCWE – Class Syllabus

Description:

This class explains the details of the IEEE 802.11 family of protocols, including 802.11ac and 802.11n solutions and products.

It covers the design and configuration of 802.11 based WiFi networks, Access Point coverage analysis and site survey techniques. Emphasis is placed on security features, Radius based authentication, 802.1x and WPA solutions, plus the use of multiple SSID/VLAN pairs per Radio and “per VLAN” security settings.

The class includes hands-on practice product configuration, security, and troubleshooting.

Intended Audience:

Proxim Partner personnel responsible for design, deployment, installation, configuration of Proxim Wireless ORiNOCO[®] products.,

Prerequisites:

A good understanding of TCP/IP and basic networking including wireless bridging, Ethernet traffic switching and routing, basic VLAN and QoS configuration, Windows device driver installation and configuration.

Class Details:

- Introduction to Wireless LANs, Topologies and typical Applications
- IEEE 802.11 standards and Technical concepts
- Wireless LAN Security
- ORiNOCO[®] AP-9100 Specifications
- ORiNOCO[®] QB-9100
- Tsunami[®] XP-10100
- ProximVision[®] Advanced Network Management Tools
- Site Survey using third party applications (Ekahau, Airmagnet, etc.)
- Installation and Product details (Hands-on)

Class Duration: 1 day

Pricing Details:

CPN	Comcodes	Description	Pricing
998-00082	Train-Class-1	One day training class	\$200 USD