

PCBA – Class Syllabus

Description:

This course provides an introduction to the design, deployment and configuration of a Proxim based wireless network. The class examines factors involved with microwave propagation, RF interference, and RF design.

It includes detailed technical discussion and hands-on lab work for Tsunami Quickbridge[®] and Tsunami[®] Point-to-Multipoint products.

Intended Audience

Proxim Partner and Integrator personnel responsible for technical pre-sales, system engineering, project management, deployment and installation of outdoor wireless solutions.

Prerequisites:

A good understanding of TCP/IP and basic networking including wireless bridging, Ethernet traffic switching, routing, and traffic engineering using VLAN and QoS configurations.

Class Details:

- RF Technology and Radio Fundamentals
- Fundamental Processes and Technologies for Wireless Network Design and Deployment
- Site Selection and Survey Techniques
- Deployment and validation Best Practices
- Using Survey tools
- Design and Deployment documentation
- Tsunami[®] QB/MP-10100 & CPE series, MP-820/835, and MP-8200 series radios
- Product description and technical specifications
- Proxim WORP[®] Protocol,
- ClearConnect[™], SmartConnect[™], and FastConnect[™]
- Deployment topologies for fixed, roaming, and mixed assets
- Product configuration
- Basic VLAN and QoS implementation system security considerations and implementation
- Throughput and performance measurement techniques
- The use and deployment of third party products and accessories
- Proxim Vision Advanced installation, device discovery, management, and network monitoring

Class Duration: 2 days

Pricing Details:

CPN	Comcodes	Description	Pricing
998-00083	Train-Class-2	Two day training class	\$400 USD