

Class ID  
VoxIP/VOIP  
\$475.00

### Layer 3 Routing & Switch Training

Hands on training with L3 devices and gain knowledge of L3 addressing and protocols.

### Firewall Training

Connect to our live lab on the Internet to configure the student's own Firewall

### Wireless Networks

Hands on training for wireless technology. Each student receives wireless access point for live training.



**IP CONVERGENCE**  
Leverage your network

## VOIP Hands On Training

This training class is designed for hands-on training for VOIP and is the required class for the VCA certification test. All students will receive two VOIP telephones to connect over the Internet to our lab devices. Each student will have their own VOIP system to configure and use during LAB work.

### Topics Include

#### **VOIP Protocol/s and Initial System Setup**

Prevalent existing VOIP protocols and Signalling  
Session Initiation Protocol(SIP)  
DHCP, NAT, SIP and ALG's  
Firewalls and QoS

#### **VOIP Design and Deployment**

Single location  
Multi=location  
Centralized vs. Distributed

#### **Endpoint Deployment and Configuration**

Telephones  
PSTN Connectivity Devices  
Gateways  
SIP Trunks  
Trunk to Trunk Configuration  
VPN's and VOIP

#### **System Administration**

Extensions/Users  
Find Me Follow Me  
Directories/Multi-Tenant  
Feature Codes  
Parking & Paging  
Ring Groups & ACD's  
IVR/Auto Attendants

#### **Dial Plans, Inbound & Outbound Routing**

Trunk Types  
Dial Plan Configuration