



# Network Security

(Two Day Course)

## Course Content

Elements of Secure Network Design  
Placement of Servers  
Placement of Firewalls  
Network Schematics  
Network Security Policy  
Firewalls  
Configuring a PIX Firewall-Creating a default route  
Configuring a PIX Firewall-static mappings and conduits  
DMZ  
NAT/PAT  
Routers  
Access lists  
Private addressing  
Static mappings on routers  
VPN  
Windows PPTP  
PIX configuration  
Servers  
Securing Internet Information Server  
E-mail server  
Windows NT Security  
IIS Authentication Model  
Access Control List  
IIS Web Permission vs. NT File Permission  
Monitoring  
Security Patch  
Online Resources

## Hands-on Labs

### Configuring the Cisco PIX Firewall

Passwords  
DMZs /NAT  
Static mapping and conduit

### Routers

Access-list (Standard/Extended)  
NAT

### Server

Securing IIS  
Windows NT file permissions

### OTHER COURSES

- Introduction to Networking
- Advanced Networking
- Basic Troubleshooting with Windows
- Certified Ethical Hacker
- Concepts of Voice over IP
- Designing Layer 3 Switched Networks
- Fundamentals of DNS
- Microsoft Exchange Server 2007
- Network Optimization
- Utilization Training: Satellite- Delivered Programming
- Video Methodologies
- Windows Vista
- Windows XP
- Windows 2008 Server Management
- Windows 2003 Server Management
- Wireless Networks