Training Workshop Outline

Title	Network Security
Duration	40 hours
Tuition	USD 1,500

Network Security

Overview:

This network security course provides foundational knowledge for the design, implementation, and monitoring of a comprehensive security policy using Cisco IOS security features and technologies as examples. Learnings include security controls of Cisco IOS devices , introduction to the Cisco Adaptive Security Appliance (ASA) and Cisco Intrusion prevention Systems.

Target Audience:

Upcoming Network Security administrators

Training Pre requisites:

CCNA Routing and Switching is recommended but not a must

Benefits:

Impart knowledge in the following areas
General Security Concepts and the survey of the current threat landscape, Securing Network Devices, Layer 2 & 3 Security, Firewall Technologies and VPN technologies and their Configuration.

Training Agenda: 40 hours

Day 1
Securing Perimeter and Network Devices – routers, switches, network appliances

Day 2
Layer 2 Security – explore various methods to protect and secure the data link layer, either thru wire or wireless

Day 3
Firewall Technologies – learn the different types of firewalls from appliances, routers, switches and applications based

Day 4
Virtual Private Networks – how to configure and setup remote access to connect to company's main head quarter securely

Day 5
Advanced Topics e.g. IPS, Content Security, Endpoint Security