

Security+ Certification

30 Hours of Instruction
\$1,795 Includes Certification Exam



Prerequisites: CompTIA, A+ and Network+ certifications, or equivalent knowledge, and 6 to 9 months experience in networking, including experience configuring and managing TCP/IP.

Identifying Security Threats

- Identify Social Engineering Attacks
- Classify Software Attacks
- Identify Hardware Attacks

Hardening Internal Systems and Services

- Harden Base Operating Systems
- Harden Directory Services
- Harden DHCP Servers
- Harden Network File & Print Servers

Hardening Internetwork Devices and Services

- Harden Internetwork Connection Devices
- Harden DNS and BIND Servers
- Harden Web, FTP & Email Servers
- Harden NNTP Servers
- Harden Conferencing & Messaging Servers

Securing Network Communications

- Secure Network Traffic Using (IPSec)
- Secure Wireless Traffic
- Secure Client Internet Access
- Secure the Remote Access Channel

Managing Public Key Infrastructure (PKI)

- Install a Certificate Authority (CA) Hierarchy
- Harden, Backup, and Restore Certificate Authorities

Managing Certificates

- Enroll Certificates for Entities
- Secure Network Traffic Using Certificates
- Renew and Revoke Certificates
- Back Up Certificates & Private Keys
- Restore Certificates and Private Keys

Enforcing Organizational Security Policy

- Enforce Corporate Security Policy, Legal & Physical Security Compliance
- Educate Users

Monitoring the Security Infrastructure

- Scan for Vulnerabilities
- Monitor for Intruders
- Set Up a Honeypot
- Respond to Security Incidents