



Course: **CompTIA Security+ Certification**

Overview: CompTIA Security+ validates knowledge of communication security, infrastructure security, cryptography, operational security, and general security concepts. It is an international, vendor-neutral certification that is taught at colleges, universities and commercial training centers around the world. Although not a prerequisite, it is recommended that CompTIA Security+ candidates have at least two years on-the-job networking experience, with an emphasis on security. The CompTIA Network+ certification is also recommended.

Because human error is the number one cause for a network security breach, CompTIA Security+ is recognized by the technology community as a valuable credential that proves competency with information security. Major corporations such as Sun, IBM/Tivoli Software Group, Symantec, Motorola, Hitachi Electronics Services and Verisign value the CompTIA Security+ certification and recommend or require it of their IT employees.

Who Should Attend: This course is targeted toward an Information Technology (IT) professional who has networking and administrative skills in Windows-based TCP/IP networks and familiarity with other operating systems, such as NetWare, Macintosh, UNIX/Linux, and OS/2, who wants to: further a career in IT by acquiring a foundational knowledge of security topics; prepare for the CompTIA Security+ Certification examination; or use Security+ as the foundation for advanced security certifications or career roles.

At Course Completion: Upon successful completion of this course, students will be able to:

- identify fundamental concepts of computer security.
- identify security threats.
- harden internal systems and services.
- harden internetwork devices and services.
- secure network communications.
- manage public key infrastructure (PKI).
- manage certificates.
- enforce organizational security policies.
- monitor the security infrastructure.

Course Outline:

- Module 1 - Security Fundamentals
- Module 2 - Security Threats
- Module 3 - Hardening Internal Systems and Services
- Module 4 - Hardening Internetwork Devices and Services
- Module 5 - Securing Network Communications
- Module 6 - Managing Public Key Infrastructure (PKI)
- Module 7 - Managing Certificates
- Module 8 - Enforcing Organizational Security Policies
- Module 9 - Monitoring the Security Infrastructure

Duration: **24 hours (8 lessons)**

Schedule: Please call for details

Venue: Hong Kong Center: 201, 2/F, Harbour Centre, 25 Harbour Road, Wan Chai, Hong Kong

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