



# CompTIA Security+

Duration 5 Days



## COURSE OVERVIEW

The CompTIA Security+ Certification is the primary course you will need to take if your job responsibilities include securing network services, network devices, and network traffic. It is also the main course you will take to prepare for the CompTIA Security+ examination. In this course, you will build on your knowledge and professional experience with computer hardware, operating systems, and networks as you acquire the specific skills required to implement basic security services on any type of computer network.

## TARGET AUDIENCE

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 Information Technology by acquiring a foundational knowledge of security topics; prepare for the CompTIA Security+ examination; or use Security+ as the foundation for advanced security certifications or career roles.

## PREREQUISITES

Basic Windows skills and fundamental understanding of computer and networking concepts are required. CompTIA A+ and Network+ certifications, or equivalent knowledge, and six to nine months experience in networking, including experience configuring and managing TCP/IP, are strongly recommended. Additional introductory courses or work experience in application development and programming or in network and operating system administration for any software platform or system are helpful but not required.

## COURSE OUTLINE

### Security Fundamentals

- Security Concepts
- Threats
- Network Vulnerabilities

### Network Security

- Assessment Tools and Techniques
- Secure Network Design
- Security Appliances and Applications
- Network Application Security

### Internet Security

- Cryptography
- Public Key Infrastructure
- Securing Web Services

### Access Control

- Authentication
- Authorization
- Operating System Security
- Remote Access Security
- Wireless Access Security

### Organizational Security

- Site Security
- Disaster Recovery and Business Continuity
- Incident Response and Forensics
- Operational Security
- Next Generation Networks

### Security+ EXAM Guide

- Tutorial exam Security+