Course Title: CompTIA Security+	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: CompTIA Security+ Certificate	

Course Syllabus

Our CompTIA Security+ training course will cover the following Modules:

Module 1: Introduction to the CompTIA Security+ Exam

- The five domains of knowledge
- Expected level of expertise
- Assessing initial readiness

Module 2: Threats, Attacks, and Vulnerabilities

- Compare and contrast types of attacks
- Explore threat actor types and vectors
- Explain penetration testing and vulnerability scanning concepts
- Identify key attack indicators

Module 3: Architecture and Design

- Deploy secure application designs across an enterprise
- Develop and deploy secure applications with trusted frameworks
- Defend embedded systems, cloud assets, and virtualised servers
- Analyse confidentiality and nonrepudiation cryptography requirements

Module 4: Implementation

- Install and configure network protocols
- Identify effective host and application security solutions
- Implement authentication and authorisation solutions with PKI
- Secure wireless and mobile communications against breaches

Module 5: Operations and Incident Response

- Respond to alerts and alarms to identify and mitigate threats
- Design and enact effective policies, processes, and procedures
- Utilise tools and data sources to support incident investigations
- Identify key elements of an incident to conduct a forensic investigation

Module 6: Governance, Risk, and Compliance

- Explain the importance of policies, plans, and procedures
- Summarise regulations, standards, and frameworks to enhance security

- Explore risk management for a more robust security posture
- Carry out best practices for data security and privacy compliance

Module 7: Preparing for the Examination

- Get ready for the exam
- Handle difficult questions
- Utilise additional study guides
- Go over a final review and assessment
- Take a complete practice exam

Course Overview

Our five-day CompTIA Security+ training course provides the basic knowledge needed to plan, implement, and maintain information security in a vendor-neutral format.

This includes risk management, host and network security, authentication and access control systems, cryptography, and organisational security.

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.

Course Learning Outcomes

The CompTIA Security+ will verify that you have the knowledge and skills required to assess the security posture of an enterprise environment and recommend and implement appropriate security solutions, monitor and secure hybrid environments, including cloud, mobile, and IoT, operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance; identify, analyse, and respond to security events and incidents.

After completing our CompTIA Security+ training course, you should be able to:

- Confidently explain and define security vulnerabilities.
- Navigate the complexities of secure systems and network design.
- Explore defensive measures like PKI, firewalls, and IDS.
- Implement robust identity management and access control.
- Gain access to an exclusive LinkedIn group for community support.

Audience

Our CompTIA Security+ training course is suitable for those whose job responsibilities include securing network services, devices, and data confidentiality/privacy in your organisation.

Entry-Level Requirements

You should meet the following prerequisites:

- Basic Windows skills
- The ability to implement fundamental networking appliances and IP addressing concepts
- Six to nine months' experience in networking, including configuring security parameters, are strongly recommended.
- CompTIA Network+ Certificate

Recommended Reading

There is no recommended reading with our CompTIA Security+ training course.

What's Included

Our CompTIA Security+ training course includes the following:

- Full Course Materials
- CompTIA Security+ Exam Preparation
- 5-day instructor-led training course
- After-course coaching available
- Security+ Study Guide
- Practice exam questions
- Exam voucher included

Exam Information

The following examinations are ARE included in our CompTIA Security+ training course:

- SY0-601 Exam - CompTIA Security+

What's Next

Our five-day CompTIA Network+ training course will validate your knowledge and skills to troubleshoot, configure and manage common wired and wireless network.

Additional Information

The CompTIA Security+ certification demonstrates your knowledge of industry-wide information assurance topics, like systems security, network infrastructure, access control, assessments and audits, cryptography, and organisational security.