

# CompTIA Security+

Our **five day** CompTIA Security+ course will teach you how to develop your information security skills and prepare you for the vendor-neutral CompTIA Security+ (SY0-501) exam. This course validates foundation-level security skills, and the examination is recognised by security professionals and organisations globally. An exam voucher is included with this course.

## Aim

Acquire technical awareness of threats and vulnerabilities which affect modern systems and improve your practical knowledge on how to defend those affected technologies, preparing you for a career in cyber security.

## Who Should Attend?

- IT professionals involved in operating and managing networks, websites and databases
- Professionals who are responsible for protecting their organisation's networks from threats.

## Prerequisites

It is recommended that you have attended and passed CompTIA Network+ or have equivalent knowledge and networking experience.

This course is suitable for those who have 24 months experience in an operational IT role.

## Learning Objectives

- Effectively use routers, firewalls, switches, load balances and proxies to secure networks
- Design secure networks
- Understand the technologies involved in securing systems and data
- Identify most common network protocols, services and ports
- Mitigate wireless network insecurities
- Identify and mitigate risks
- Identify and defend against the latest security threats and vulnerabilities
- Secure data, applications and hosts by applying various techniques
- Use different access control mechanisms and identity management systems
- Identify and use different cryptographic methods.