

## CompTIA Security + Certification

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### Course Introduction:

The CompTIA Security+ exam will certify that the successful candidate has the knowledge and skills required to identify risk, to participate in risk mitigation activities, and to provide infrastructure, application, information, and operational security.

### Prerequisites:

There are no prerequisites for this course. However, CompTIA Network+ certification and six months to two years of technical networking experience with an emphasis on security is ideal. It is not necessary that you pass the Network+ exam before completing Security+ certification, but it is recommended.

Irrespective of whether you have passed Network+, it is recommended that you have the following skills and knowledge before commencing this course:

- ↔ You should know the function and basic features of the components of a PC.
- ↔ Use Windows to create and manage files and use basic administrative features (Explorer, Control Panel and Management Consoles).
- ↔ Know basic network terminology and functions (such as OSI Model, Topology, Ethernet, TCP/IP, switches, routers).
- ↔ Understand TCP/IP addressing, core protocols, and troubleshooting tools.

### CompTIA Certified Exam:

Exam Name: CompTIA Security +

Exam Code = SYO – 501

### Course Objectives:

In this course, candidate will apply security controls to maintain confidentiality, integrity, and availability, identify appropriate technologies and products, troubleshoot security events and incidents, and operate with an awareness of applicable policies, laws, and regulations

### You will learn how to?

Upon successful completion of this course, students will be able to have in depth knowledge of systems security, access control, network infrastructure, assessments and audits, cryptography and organizational security across all vendor products.

These skills have become increasingly important, as additional safeguards such as intrusion detection systems, physical access control and multifactor authentication become standard methods of protection.

- ⇒ Identify network attack strategies and defences.
- ⇒ Understand the principles of organizational security and the elements of effective security policies.
- ⇒ Know the technologies and uses of cryptographic standards and products.
- ⇒ Identify network- and host-based security technologies and practices.
- ⇒ Describe how wireless and remote access security is enforced.
- ⇒ Describe the standards and products used to enforce security on web and communications technologies.
- ⇒ Identify strategies for ensuring business continuity, fault tolerance, and disaster recovery.

### **Hands On experience and Labs**

Students are given real world scenarios to reinforce the material covered and will learn how to apply the concepts to their daily operations. Labs will be conducted on real Cisco equipment's.

### **Job Opportunities**

<http://www.indeed.co.uk/IT-Security-Analyst-jobs-in-Edinburgh>

<http://www.indeed.co.uk/Network-Security-jobs-in-Edinburgh>

[http://www.totaljobs.com/JobSeeking/Security\\_Edinburgh\\_I2031\\_t1.html](http://www.totaljobs.com/JobSeeking/Security_Edinburgh_I2031_t1.html)

[https://www.glassdoor.co.uk/Job/edinburgh-it-security-analyst-jobs-SRCH\\_IL.0,9\\_IC3312271\\_KO10,29.htm](https://www.glassdoor.co.uk/Job/edinburgh-it-security-analyst-jobs-SRCH_IL.0,9_IC3312271_KO10,29.htm)

[http://www.cwjobs.co.uk/JobSeeking/\(Network%20Security\)\\_Edinburgh\\_I2031\\_t1.html](http://www.cwjobs.co.uk/JobSeeking/(Network%20Security)_Edinburgh_I2031_t1.html)

## Target Audience:

This course is designed for individuals who seek a foundation in computer security fundamentals and whose goal is to prepare for the SYO - 501 CompTIA Security+ exams.

## Job Roles

1. IT Security Administrator
2. IT Security Support Engineer
3. IT Support Technician
4. IT/Support Technician
5. Security Specialist
6. Network security Specialist
7. IT Security Analyst
8. IT Security Manager
9. IT Security Specialist
10. IT Security Consultant
11. Certified Information Systems Security Professional
12. IT Security Engineer

## Modes of Course Delivery & Attendance:

ITPT is currently providing different method of learning opportunities to our clients. Many people are looking for learning diversity to enhance their qualifications, but they don't have the time to take on full-time instructor led study or attending courses regularly at their appropriate venues.

Modes of Course Delivery	Modes of Attendance
1. Instructor Led learning	1. Day Release
2. Blended learning	2. Weekends
3. Distance Blended Learning	3. Part Time

## Our Courses & Training Classes Suit the following:

**Target Audiences:**

The IT training classes which we are currently offering are suitable for a wide range of candidates including:

- ❖ School leavers
- ❖ Adult returnees to education
- ❖ Individuals who intend to leave school and further their career path in a college or equivalent
- ❖ Individuals who are in employment and wish to enhance their career prospects
- ❖ Individuals who wish to start a new career in IT
- ❖ Individuals who wants to get promotion at work
- ❖ Individuals who wants to upgrade in their IT skills
- ❖ Individuals who wish to study on a part-time (day or evening) or day-release mode

### Course Tuition Fees:

If any student do not qualify for the SAAS, DWP or SDS funding then they can also self-finance this course.

This course fee is £550 plus VAT, for commercial learners.  
SQA Accredited course fee is £550.00, with NO VAT payable.

For more information please do contact us on 0131 552 5558 / [info@itpt.co.uk](mailto:info@itpt.co.uk)