CompTIA Security+ Certification Prep (Exam SY0-701)

Category: Networking & Security | **Vendor:** CompTIA

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	CompTIA Security+
Related Exam:	SY0-701

Course Overview

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and is the first security certification a candidate should earn. CompTIA Security+ establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs.

About This Course

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and is the first security certification a candidate should earn. CompTIA Security+ establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs.

Who Should Attend

This course is designed for people who are seeking to launch a career in cybersecurity.

Prerequisites & Entry Requirements

General Prerequisites:

Recommended but not required are the CompTIA A+ and CompTIA Network+, or equivalent knowledge.

Learning Outcomes

Upon successful completion of this course, participants will be able 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, analyze, and respond to security events and incidents.

Detailed Course Outline

Lesson 1: Summarize Fundamental Security Concepts

- Security Concepts
- Security Controls

Lesson 2: Compare Threat Types

- Threat Actors
- Attack Surfaces
- Social Engineering

Lesson 3: Explain Cryptographic Solutions

- Cryptographic Algorithms
- Public Key Infrastructure
- Cryptographic Solutions

Lesson 4: Implement Identity and Access Management

- Authentication
- Authorization
- Identity Management

Lesson 5: Secure Enterprise Network Architecture

- Enterprise Network Architecture
- Network Security Appliances
- Secure Communications

Lesson 6: Secure Cloud Network Architecture

- Cloud Infrastructure
- Embedded Systems and Zero Trust Architecture

Lesson 7: Explain Resiliency and Site Security Concepts

- Asset Management
- Redundancy Strategies
- Physical Security

Lesson 8: Explain Vulnerability Management

- Device and OS Vulnerabilities
- Application and Cloud Vulnerabilities
- Vulnerability Identification Methods
- Vulnerability Analysis and Remediation

Lesson 9: Evaluate Network Security Capabilities

- Network Security Baselines
- Network Security Capability Enhancement

Lesson 10: Assess Endpoint Security Capabilities

- Implement Endpoint Security
- Mobile Device Hardening

Lesson 11: Enhance Application Security Capabilities

- Application Protocol Security Baselines
- Cloud and Web Application Security Concepts

Lesson 12: Explain Incident Response and Monitoring Concepts

- Incident Response
- Digital Forensics
- Data Sources
- Alerting and Monitoring Tools

Lesson 13: Analyze Indicators of Malicious Activity

- Malware Attack Indicators
- Physical and Network Attack Indicators
- Application Attack Indicators

Lesson 14: Summarize Security Governance Concepts

- Policies, Standards, and Procedures
- Change Management
- Automation and Orchestration

Lesson 15: Explain Risk Management Processes

- Risk Management Processes and Concepts
- Vendor Management Concepts
- Audits and Assessments

Lesson 16: Summarize Data Protection and Compliance Concepts

- Data Classification and Compliance
- Personnel Policies

□□ Certification Path

CompTIA Security+

Exam: SY0-701

Upcoming Schedule

Available training dates for CompTIA Security+ Certification Prep (Exam SY0-701):

Start Date	End Date	Location	Delivery	Price
16 Nov 2026	20 Nov 2026	Online	Virtual	€2,495.00
30 Nov 2026	04 Dec 2026	Online	Virtual	€2,495.00
07 Dec 2026	11 Dec 2026	Online	Virtual	€2,495.00
14 Dec 2026	18 Dec 2026	Online	Virtual	€2,495.00
04 Jan 2027	08 Jan 2027	Online	Virtual	€2,495.00
18 Jan 2027	22 Jan 2027	Online	Virtual	€2,495.00

Additional Course Details

Nexus Humans CompTIA Security+ SY0-701 training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the CompTIA Security+ SY0-701 course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for CompTIA Security+ Certification Prep (Exam SY0-701)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CompTIA Security+ Certification Prep (Exam SY0-701) course helps prepare you for the CompTIA Security+ certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the SY0-701 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CompTIA Security+ Certification Prep (Exam SY0-701) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CompTIA Security+ Certification Prep (Exam SY0-701) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CompTIA Security+ Certification Prep (Exam SY0-701)?

Yes, we provide corporate training, dedicated training, and closed classes for CompTIA Security+ Certification Prep (Exam SY0-701). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SY0-601 Sec+ Security plus

Q: Why choose Nexus Human for CompTIA Security+ Certification Prep (Exam SY0-701)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CompTIA Security+ Certification Prep (Exam SY0-701) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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