

Security+ Certification Training Course & Bootcamp

Course Description & Overview

SecureNinja's CompTIA Security+ (SY0-701) certification training equips students with essential cybersecurity knowledge and practical skills aligned with the most current industry standards. This vendor-neutral course offers foundational insight into security threats, risk management, system architecture, operations, and incident response—making it ideal for anyone beginning a career in cybersecurity.

Security+ covers a broad and diverse range of cybersecurity topics, which can often feel overwhelming to first-time learners. At SecureNinja, our expert instructors break down complex concepts into manageable, easy-to-understand lessons while drawing clear connections between topics to reinforce retention. Students also gain access to our proprietary quiz engine, which features hundreds of up-to-date practice questions designed to reinforce core exam concepts and support effective self-paced study outside of class.

Why Choose CompTIA Security+

- Globally Respected Certification: A leading entry-level credential trusted across industries and governments.
- Aligned with Current Threats: Covers the latest security tools, technologies, and methodologies.
- Career Advancement: Serves as a stepping stone to intermediate and advanced cybersecurity roles.
- DoD 8140/8570 Approved: Compliant for U.S. government cybersecurity positions.

Topics Covered

- General Security Concepts: Core principles, cryptography basics, and secure protocols.
- Threats, Vulnerabilities, and Mitigations: Common attack types, actors, and countermeasures.
- Security Architecture: Secure network and system design principles.
- Security Operations: Monitoring, logging, and incident handling.
- Governance, Risk, and Compliance: Policy enforcement, regulations, and risk frameworks.

Who is it for

- Entry-Level IT Professionals: Individuals beginning a career in cybersecurity.
- Career Changers: Those moving into IT from non-technical roles.
- Government & Defense Contractors: Individuals seeking DoD-compliant certifications.

Who Would Benefit

- Help Desk Technicians: Gaining a foundational understanding of cybersecurity.
- Systems & Network Admins: Strengthening their security practices and compliance knowledge.
- Business Professionals: Who interact with technical teams and need a baseline knowledge of cybersecurity.

Prerequisites

There are no mandatory prerequisites. However, CompTIA recommends having CompTIA Network+ and two years of IT experience with a focus on security.

Course Outline

1. General Security Concepts

- Security principles, access control models, and secure configurations.
- Cryptographic methods and secure communication protocols.

2. Threats, Vulnerabilities, and Mitigations

- Threat actors, types of attacks, malware, and social engineering tactics.
- Vulnerability scanning and mitigation strategies.

3. Security Architecture

- Network segmentation, firewalls, cloud security, and zero trust models.
- System hardening and secure deployment practices.

4. Security Operations

- Log management, SIEM systems, and threat detection techniques.
- Incident response, business continuity, and disaster recovery planning.

5. Governance, Risk, and Compliance

- Risk management processes, data privacy, and compliance regulations.
- Security policies, frameworks, and training programs.

Course Length

- 5 Days
- 40 Hours

Exam Details

- Exam Code: SY0-701
- Number of Questions: Maximum of 90
- Question Types: Multiple-choice and performance-based
- Duration: 90 minutes
- Passing Score: 750 (on a scale of 100-900)

The CompTIA Security+ SY0-701 certification training provides a comprehensive foundation in cybersecurity principles, making it an excellent choice for those pursuing technical security roles or looking to fulfill compliance requirements such as DoD 8140. With structured instruction, interactive support, and access to SecureNinja's custom practice quiz engine, students are fully prepared to succeed in both the exam and real-world cybersecurity environments.