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COMPTIA

# Security+ Certification Training

Phoenix TS is proud to be a CompTIA Authorized Platinum Partner; which is the highest level of partnership awarded by CompTIA!



## Course Overview

Our 5-day instructor-led Security+ training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is aimed at IT security professionals and will teach you the basics of network security. By the end of this course, you will be able to secure a network, identify and mitigate risks, and manage access control. This course covers:

- System security management
- Network infrastructure establishment
- Access control configuration
- Cryptography
- Organizational defense measures

This course will fully prepare you for the CompTIA® Security+ Certification exam.



## Prerequisites

You should have at least two years of network experience and a working knowledge of security concepts. It is also recommended that you have the [CompTIA® Network+ Certification](#).

## Course Outline

### Security Fundamentals

- Security concepts
- Risk management
- Vulnerability assessment

### Understanding Attacks

- Understanding attackers
- Social engineering
- Malware
- Network attacks
- Application attacks

### Cryptography

- Cryptography concepts
- Public key infrastructure

### Network Fundamentals

- Network components
- Network addressing
- Network ports and applications

### Securing Networks

- Network security components
- Transport encryption
- Hardening networks



- Monitoring and detection

## Securing Hosts And Data

- Securing hosts
- Securing data
- Mobile device security

## Securing Network Services

- Securing applications
- Virtual and cloud systems

## Authentication

- Authentication factors
- Authentication protocols

## Access Control

- Access control principles
- Account management

## Organizational Security

- Security policies
- User training
- Physical security and safety

## Disaster Planning And Recovery

- Business continuity
- Fault tolerance and recovery
- Incident response



## Exam Information

### Security+ Certification Exam Details:

- Exam code: SY0-501
- Number of questions: 90
- Question types: multiple choice and performance-based
- Passing score: 750 on scale of 100-900
- Test duration: 90 minutes
- Delivery - Pearson VUE
- Price - \$339

### Exam focuses on these skill areas:

Domain	Percentage Weight
Threats, attacks and vulnerabilities	12%
Tools and technologies	22%
Architecture and design	15%
Identity and access management	16%
Risk management	14%
Cryptography and PKI	12%

## Security+ Certification Training FAQs

### What is the average salary for a professional with the Security+ Certification?

According to [payscale.com](https://www.payscale.com), the average salary for professionals with their CompTIA Security+ Certification is \$73,000 annually.

### What organizations support the Security+ Certification?

Northrop Grumman, Nationwide and Brotherhood Mutual are a few of the organizations who contributed to and support the CompTIA Security+ Certification as a validation of core cyber security skills.

### What jobs can you get with the Security+ Certification?

This certification is ideal for systems administrators, security administrators, security specialists, security engineers, network administrators, security consultants and IT auditors.



## How long does the Security+ Certification last for?

This certification is valid for three years, after which time you can renew it by submitting a minimum of 50 continuing education units. You can learn more about [how to renew your Security+ Certification on our blog](#).



### Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

## This Security+ Certification Training course includes:

- 5 days of instructor-led training
- Security+ Certification Training book
- Security+ practice exams (60 days)
- Security+ labs (6 months)
- Security+ reading plan
- Security+ instructor slides (60 days)
- Security+ study clip videos (60 days)
- Online mentoring (6 months)
- Pre and post assessments
- Detailed Reporting on Security+ Certification Exam readiness - located in your individualized student learning portal
- Security+ Certification Exam onsite scheduling
- Security+ Certification Exam voucher with second chance voucher included
- Certificate of completion for up to 40 CEUs/CPEs to be used toward renewing relevant certifications
- Security+ Certification Training course retake guarantee



- Save up to 30% on AVIS rental cars
- Group training promotions are available for 5 or more Security+ students
- CompTIA Security+ Certification Training course satisfies training and certification requirements for the IAT Level II and IAM Level I roles according to the DoD Directive 8570
- Eligible for MyCAA scholarship
- Security+ Certification Training also follows [NICE framework](#)
- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class\*
- Tea, coffee and soda available throughout the day\*
- Freshly baked cookies every afternoon\*

*\*denotes this benefit is only available at participating locations.*