CompTIA Security+ Certification - SYO-601 Exam Training

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TECHNOLOGY

Course Introduction

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About Simplilearn

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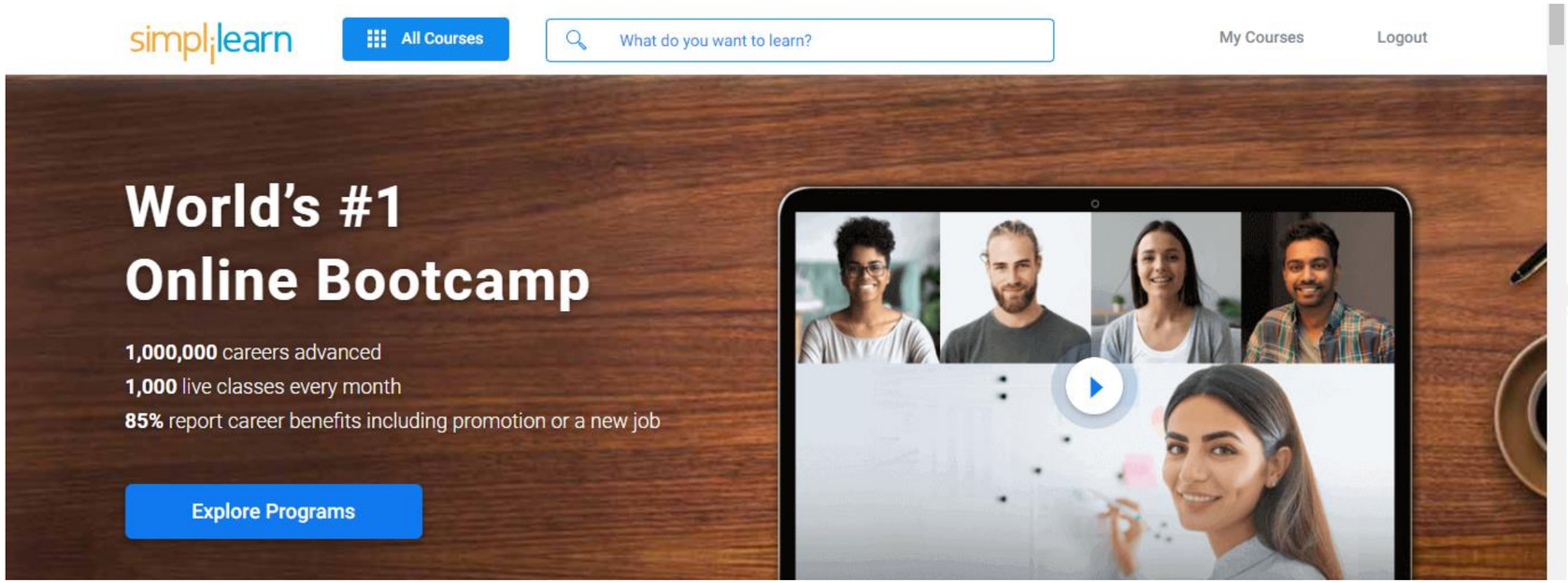
About Simplilearn

For over a decade now, Simplilearn is focused on digital economy skills.
Now, Simplilearn has become **World's #1 Online Bootcamp.**



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At Simplilearn, we provide:

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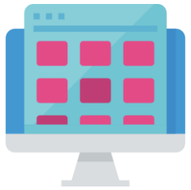
Live Virtual Classes

Self-Paced Learning Content

Interactive Labs



Real-Time Scenario-Based Projects

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Prerequisites

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Prerequisites

The prerequisites for the course are:

- Understanding of Security
- Knowledge of Linux Commands

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Introduction to CompTIA

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What is CompTIA?

CompTIA is a non-profit trade association which aims at advancing the interests of IT professionals and IT channel organizations.

Providing industry-leading IT certifications is an integral part of its mission.

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue a career in IT security.

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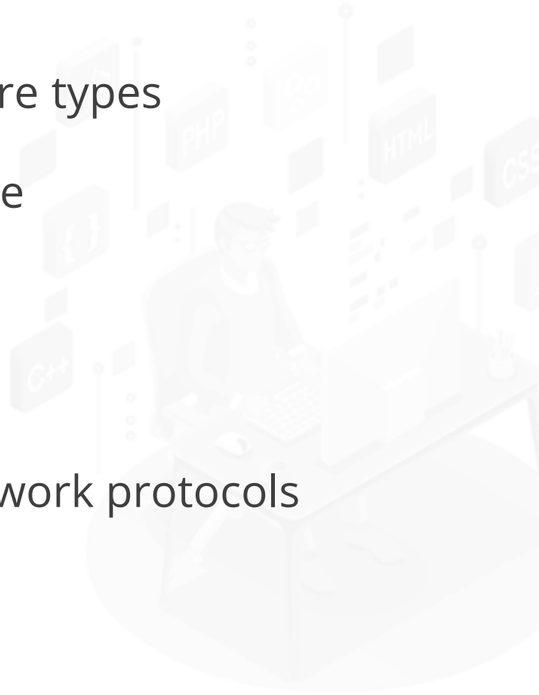
Course Objectives

- Compare security roles and security controls
- Explain threat actors and threat intelligence
- Perform security assessments and identify social engineering attacks and malware types
- Summarize basic cryptographic concepts and implement public key infrastructure
- Implement authentication controls
- Implement identity and account management controls
- Implement secure network designs, network security appliances, and secure network protocols
- Implement host, embedded/Internet of Things, and mobile security solutions
- Implement secure cloud solutions ISO 270001



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Jobs that Use CompTIA Security+

- Security Administrator
- Systems Administrator
- Helpdesk Manager or Analyst
- Security Engineer or Analyst
- Network or Cloud Engineer
- DevOps or Software Developer
- IT Auditors
- IT Project Manager

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Learning Path

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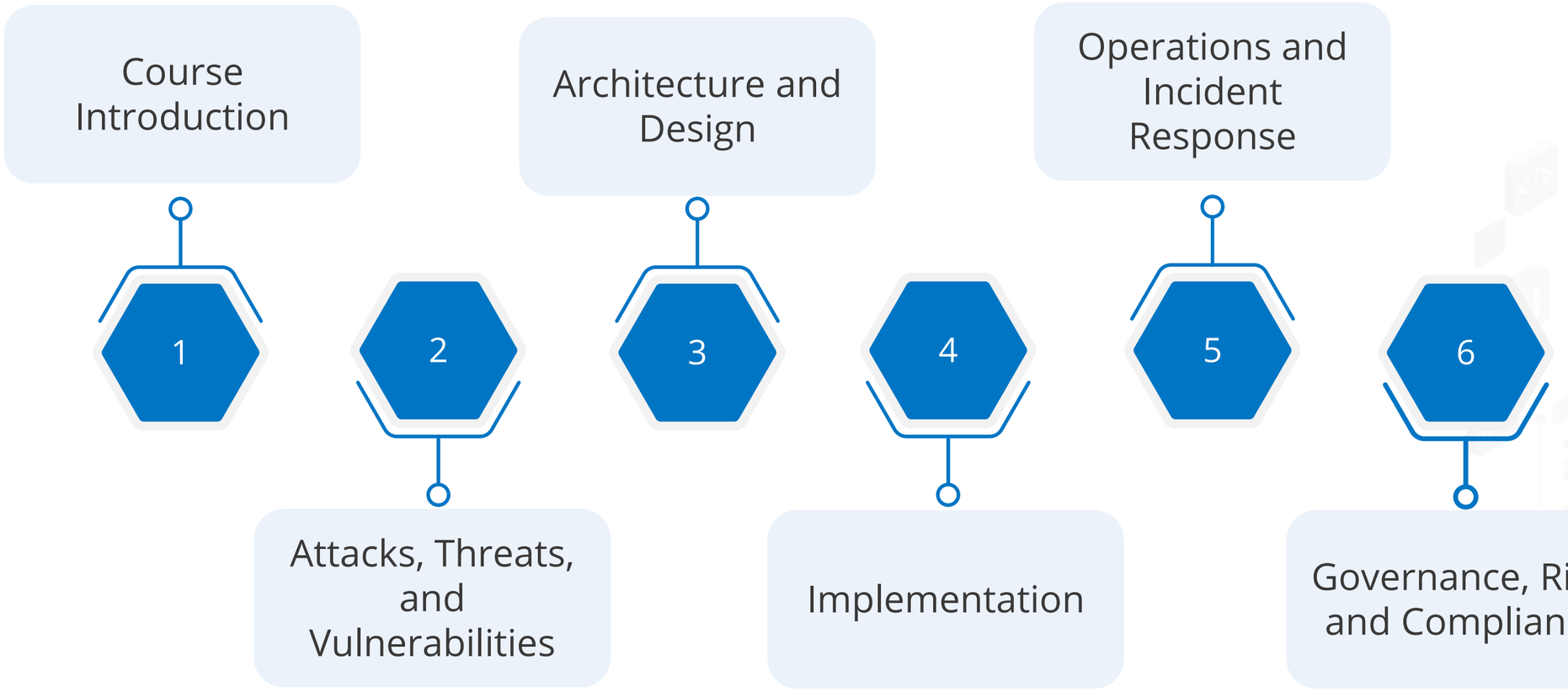
Course Outline



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Exam Details

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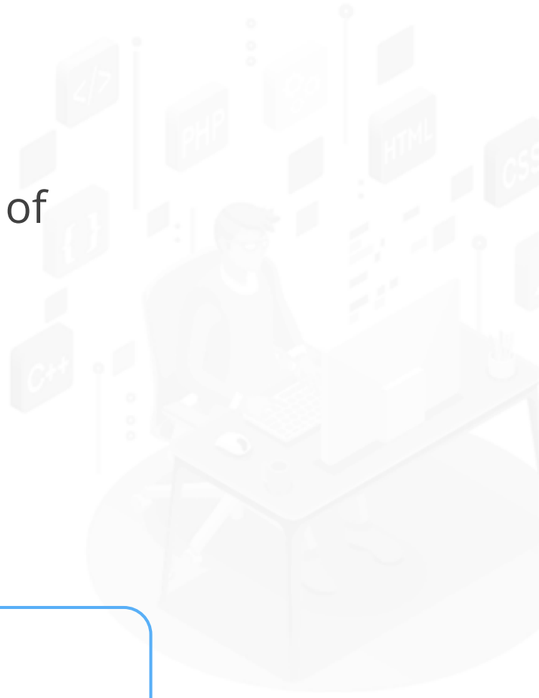
About the Exam

CompTIA Security+ certification ensures that a candidate has the skills 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



Note

CompTIA Security+ (SY0-501) English language exam will retire on July 31, 2021.

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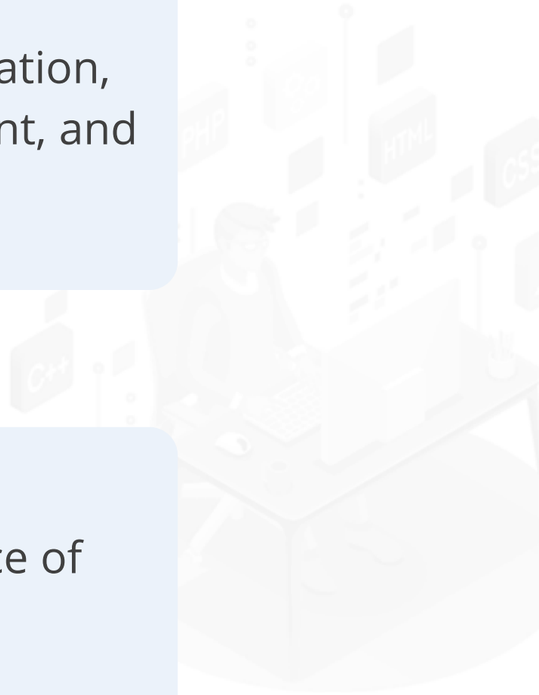
What's new in CompTIA Security+SY0-601?

- Identify attacks and vulnerabilities to mitigate them before they infiltrate Information Security.
- Understand secure virtualization, secure application deployment, and automation concepts.
- Identify and implement the best protocols and encryption.
- Understand the importance of compliance.



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Exam Details

Exam Codes	SY0-501	SY0-601
Launch Date	October 4, 2017	November 12, 2020
Number of Questions	Maximum of 90 questions	
Type of Questions	Multiple choice and performance-based	
Passing Score	750 (on a scale of 100-900)	
Recommended Experience	CompTIA Network+ and two years of experience in IT administration with a security focus	
Languages	English, Japanese, Portuguese and Simplified Chinese	English, Japanese
Retirement	English retires: July 31, 2021 All other languages retire: Q1 2022	Usually, three years after launch
Testing Provider	Pearson VUE 1) Testing Centers 2) Online Testing	

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How does CompTIA Security+ Compare?

	CompTIA Security+	(ISC)2 Systems Security Certified Practitioner (SSCP)	EC-Council Certified Ethical Hacker (CEH)	GIAC Security Essentials (GSEC)
Performance Based Questions	Yes	NA	NA	NA
Experience Level	Entry-level cybersecurity	Entry-level security	Entry-level penetration testing	Entry-level cybersecurity
Exam Focus	Core cybersecurity skills required by security and network administrators	Basic concepts of computing and security	Penetration Testing	Basic understanding of information security beyond simple concepts
Vendor Neutral	Yes	Yes	Yes	Yes

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Course Components

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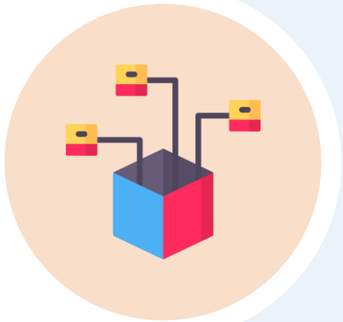

- Knowledge Checks
- Course-end Project
- Course-end Assessments

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Course Completion Criteria

85% course completion percentage for online self learning (OSL) or attend one complete live virtual class (LVC) batch

Complete one course-end assessment with 80%

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Get Certified. Get Ahead.