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Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 30 Hours

Security Fundamentals (CompTIA Security+)



The CompTIA Security+ SY0-601 course highlights the basic knowledge needed to perform IT security functions. It focuses on the practical skillset required to solve a variety of problems and tackle issues. The course covers the latest updates and

market trends on risk management and mitigation, how to respond to threats and treat them, and various auditing and penetration testing skills.

Course Outline:

This Course Includes:

- Course Introduction
- Lesson 1: Comparing Security Roles and Security Controls
- Lesson 2: Explaining Threat Actors and Threat Intelligence
- Lesson 3: Performing Security Assessments
- Lesson 4: Identifying Social Engineering and Malware
- Lesson 5: Summarizing Basic Cryptographic Concepts
- Lesson 6: Implementing Public Key Infrastructure
- Lesson 7: Implementing Authentication Controls
- Lesson 8: Implementing Identity and Account Management Controls
- Lesson 9: Implementing Secure Network Designs
- Lesson 10: Implementing Network Security Appliances
- Lesson 11: Implementing Secure Network Protocols
- Lesson 12: Implementing Host Security Solutions
- Lesson 13: Implementing Secure Mobile Solutions
- Lesson 14: Summarizing Secure Application Concepts
- Lesson 15: Implementing Secure Cloud Solutions
- Lesson 16: Explaining Data Privacy and Protection Concepts
- Lesson 17: Performing Incident Response
- Lesson 18: Explaining Digital Forensics
- Lesson 19: Summarizing Risk Management Concepts
- Lesson 20: Implementing Cybersecurity Resilience
- Lesson 21: Explaining Physical Security
- Course Summary

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