

CompTIA Security +  
Course certification training

**Course Agenda**

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Domain 1 : Attacks, Threats, and  
Vulnerabilities

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## **Course Curriculum**

### **Domain 1 - Attacks, Threats, and Vulnerabilities :**

- Given a scenario, analyze indicators of compromise and determine the type of malware
- Compare and contrast types of attacks.
- Explain threat actor types and attributes.
- Explain penetration testing concepts.
- Explain vulnerability scanning concepts.
- Explain the impact associated with types of vulnerabilities.

### **Domain 2 - Technologies and Tools**

- Install and configure network components, both hardware and software-based, to support organizational security.
- Given a scenario, use appropriate software tools to assess the security posture of an organization.
- Given a scenario, troubleshoot common security issues.
- Given a scenario, analyze and interpret output from security technologies
- Given a scenario, deploy mobile devices securely.
- Given a scenario, implement secure protocols.

### **Domain 3 - Architecture and Design**

- Explain use cases and purpose for frameworks, best practices and secure configuration guides.
- Given a scenario, implement secure network architecture concepts.
- Given a scenario, implement secure systems design.
- Explain the importance of secure staging deployment concepts.
- Explain the security implications of embedded systems.
- Summarize secure application development and deployment concepts.
- Summarize cloud and virtualization concepts.
- Explain how resiliency and automation strategies reduce risk.
- Explain the importance of physical security controls.

### **Domain 4 - Identity and Access Management**

- Compare and contrast identity and access management concepts
- Given a scenario, install and configure identity and access services.
- Given a scenario, implement identity and access management controls.
- Given a scenario, differentiate common account management practices.

## **Domain 5- Risk Management**

- Explain the importance of policies, plans and procedures related to organizational security.
- Summarize business impact analysis concepts.
- Explain risk management processes and concepts.