

(ISC) 2 CISSP Certification



Course Outline:

Domain: Security and Risk Management

- Topic A: Security Governance Principles
- Topic B: Compliance
- Topic C: Professional Ethics
- Topic D: Security Documentation
- Topic E: Risk Management
- Topic F: Threat Modeling
- Topic G: Business Continuity Plan Fundamentals
- Topic H: Acquisition Strategy and Practice
- Topic I: Personnel Security Policies
- Topic J: Security Awareness and Training

Domain: Asset Security

- Topic A: Asset Classification
- Topic B: Privacy Protection
- Topic C: Asset Retention
- Topic D: Data Security Controls
- Topic E: Secure Data Handling

Domain: Security Engineering

- Topic A: Security in the Engineering Lifecycle
- Topic B: System Component Security
- Topic C: Security Models
- Topic D: Controls and Countermeasures in Enterprise Security
- Topic E: Information System Security Capabilities
- Topic F: Design and Architecture Vulnerability Mitigation
- Topic G: Vulnerability Mitigation in Embedded, Mobile, and Web-Based Systems
- Topic H: Cryptography Concepts
- Topic I: Cryptography Techniques
- Topic J: Site and Facility Design for Physical Security
- Topic K: Physical Security Implementation in Sites and Facilities

Domain: Communications and Network Security

Topic A: Network Protocol Security
Topic B: Network Components Security
Topic C: Communication Channel Security
Topic D: Network Attack Mitigation

Domain: Identity and Access Management

Topic A: Physical and Logical Access Control
Topic B: Identification, Authentication, and Authorization
Topic C: Identity as a Service
Topic D: Authorization Mechanisms
Topic E: Access Control Attack Mitigation

Domain: Security Assessment and Testing

Topic A: System Security Control Testing
Topic B: Software Security Control Testing
Topic C: Security Process Data Collection
Topic D: Audits

Domain: Security Operations

Topic A: Security Operations Concepts
Topic B: Physical Security
Topic C: Personnel Security
Topic D: Logging and Monitoring
Topic E: Preventative Measures
Topic F: Resource Provisioning and Protection
Topic G: Patch and Vulnerability Management
Topic H: Change Management
Topic I: Incident Response
Topic J: Investigations
Topic K: Disaster Recovery Planning
Topic L: Disaster Recovery Strategies
Topic M: Disaster Recovery Implementation

Domain: Software Development Security

Topic A: Security Principles in the System Lifecycle
Topic B: Security Principles in the Software Development Lifecycle
Topic C: Database Security in Software Development
Topic D: Security Controls in the Development Environment
Topic E: Software Security Effectiveness Assessment