

# CISSP COURSE CONTENT

## **Security and Risk Management**

- ✚ Security Governance Principles
- ✚ Compliance
- ✚ Professional Ethics
- ✚ Security Documentation
- ✚ Risk Management
- ✚ Threat Modelling
- ✚ Business Continuity Plan Fundamentals
- ✚ Acquisition Strategy and Practice
- ✚ Personnel Security Policies
- ✚ Security Awareness and Training

## **Asset Security**

- ✚ Asset Classification
- ✚ Privacy Protection
- ✚ Asset Retention
- ✚ Data Security Controls
- ✚ Secure Data Handling

## **Security Architecture and Engineering**

- ✚ Security in the Engineering Lifecycle
- ✚ System Component Security
- ✚ Security Models
- ✚ Controls and Countermeasures in Enterprise Security
- ✚ Information System Security Capabilities
- ✚ Design and Architecture Vulnerability Mitigation
- ✚ Vulnerability Mitigation in Mobile, LOT, Embedded, and Web-Based Systems
- ✚ Cryptography Concepts
- ✚ Cryptography Techniques
- ✚ Site and Facility Design for Physical Security
- ✚ Physical Security Implementation in Sites and Facilities

## **Communication and Network Security**

- ✚ Network Protocol Security
- ✚ Network Components Security
- ✚ Communication Channel Security
- ✚ Network Attack Mitigation

## **Identity and Access Management**

- ✚ Physical and Logical Access Control
- ✚ Identification, Authentication, and Authorization
- ✚ Identity as a Service
- ✚ Authorization Mechanisms
- ✚ Access Control Attack Mitigation

## **Security Assessment and Testing**

- ✚ System Security Control Testing
- ✚ Software Security Control Testing
- ✚ Security Process Data Collection
- ✚ Audits

## **Security Operations**

- ✚ Security Operations Concepts
- ✚ Physical Security
- ✚ Personnel Security
- ✚ Logging and Monitoring
- ✚ Preventative Measures
- ✚ Resource Provisioning and Protection
- ✚ Patch and Vulnerability Management
- ✚ Change Management
- ✚ Incident Response
- ✚ Investigations
- ✚ Disaster Recovery Planning
- ✚ Disaster Recovery Strategies
- ✚ Disaster Recovery Implementation

## **Software Development Security**

- ✚ Security Principles in the System Lifecycle
- ✚ Security Principles in the Software Development Lifecycle

- ✚ Database Security in Software Development
- ✚ Security Controls in the Development Environment
- ✚ Software Security Effectiveness Assessment

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