

# CISSP (Certified Information Systems Security Professional) Course (Self-Paced)

Group classes in Live Online and onsite training is available for this course. For more information, email [onsite@graduateschool.edu](mailto:onsite@graduateschool.edu) or visit: <https://www.graduateschool.edu/courses/cissp-certified-information-systems-security-professional-course-self-paced>



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## Course Outline

### Module 1: Information Systems Access Control

- Data Access Principles
- System Access and Authentication
- Attacks and Penetration Tests

### Module 2: Security Architecture and Design

- Security Architecture Frameworks and Security Models
- Security Modes
- System Assurance

### Module 3: Network and Telecommunications Security

- Data Network Design
- Remote Data Access
- Data Network Security
- Data Network Management

### Module 4: Information Security Management Goals

- Organizational Security
- The Application of Security Concepts

### Module 5: Information Security Classification and Program Development

- Information Classification
- Security Program Development

### Module 6: Risk Management and Ethics

- Risk Management
- Ethics

## **Module 7: Software Development Security**

- Software Configuration Management
- Software Controls
- Database System Security

## **Module 8: Cryptography**

- Ciphers and Cryptography
- Symmetric-Key Cryptography
- Asymmetric-Key Cryptography
- Hashing and Message Digests
- Email, Internet, and Wireless Security
- Cryptographic Weaknesses

## **Module 9: Physical Security**

- Physical Access Control
- Physical Access Monitoring
- Physical Security Methods
- Facilities Security

## **Module 10: Operations Security**

- Operations Security Control
- Operations Security Auditing and Monitoring
- Operational Threats and Violations

## **Module 11: Business Continuity and Disaster Recovery Planning**

- Business Continuity Plan Fundamentals
- Business Continuity Plan Implementation
- Disaster Recovery Plan Fundamentals
- Disaster Recovery Plan Implementation

## **Module 12: Legal, Regulations, Compliance, and Investigations**

- Computer Crime Laws and Regulations
- Computer Crime Incident Response