CISSP (Certified Information Systems Security Professional) Course

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: https://sdfm.graduateschool.edu/courses/cissp-certified-information-systems-security-professional

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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