

CISSP

Prerequisites: It is highly recommended that students have certifications in Network+ or Security+, or possess equivalent professional experience upon entering CISSP training. It will be beneficial if students have one or more of the following security-related or technology-related certifications or equivalent industry experience: MCSE, MCTS, MCITP, SCNP, CCNP, RHCE, LCE, CNE, SSCP®, GIAC, CISA™, or CISM.

Length: 5 Days

Summary: You will analyze a wide range of information systems security subjects that are organized into 10 domains for CISSP exam certification.

Course Content

INFORMATION SYSTEMS ACCESS CONTROL

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

SECURITY ARCHITECTURE AND DESIGN

- Security Models
- Security Modes
- System Assurance

NETWORK AND TELECOMMUNICATIONS SECURITY

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

INFORMATION SECURITY MANAGEMENT GOALS

- Organizational Security
- The Application of Security Concepts

INFORMATION SECURITY CLASSIFICATION AND PROGRAM DEVELOPMENT

- Information Classification
- Security Program Development

RISK MANAGEMENT AND ETHICS

- Risk Management
- Ethics

APPLICATION SECURITY

- Software Configuration Management
- Software Controls
- Database System Security

CRYPTOGRAPHY

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

PHYSICAL SECURITY

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

- Facilities Security

OPERATIONS SECURITY

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

BUSINESS CONTINUITY AND DISASTER RECOVERY PLANNING

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

LEGAL, REGULATIONS, COMPLIANCE, AND INVESTIGATIONS

- Computer Crime Laws and Regulations
 - Computer Crime Incident Response
-