

# **CCISO**

## **Course Syllabus**

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- Domain 1: Governance (Policy, Legal, and Compliance)
- Domain 2: IS Management Controls and Auditing Management
- Domain 3: Security Program Management & Operations
- Domain 4: Information Security Core Concepts
- Domain 5: Strategic Planning, Finance, & Vendor Management

# Certified CISO (CCISO) Program Course Details

## **Domain 1: Governance (Policy, Legal, and Compliance)**

- Information Security Management Program
- Defining an Information Security Governance Program
- Regulatory and Legal Compliance
- Risk Management

## **Domain 2: IS Management Controls and Auditing Management**

- Designing, deploying, and managing security controls
- Understanding security controls types and objectives
- Implementing control assurance frameworks
- Understanding the audit management process

## **Domain 3: Security Program Management & Operations**

- The role of the CISO
- Information Security Projects
- Integration of security requirements into other operational processes (change management, version control, disaster recovery, etc.)

## **Domain 4: Information Security Core Concepts**

- Access Controls
- Physical Security
- Disaster Recovery and Business Continuity Planning
- Network Security

- Threat and Vulnerability Management
- Application Security
- System Security
- Encryption
- Vulnerability Assessments and Penetration Testing
- Computer Forensics and Incident Response

#### **Domain 5: Strategic Planning, Finance, & Vendor Management**

- Security Strategic Planning
- Alignment with business goals and risk tolerance
- Security emerging trends
- Key Performance Indicators (KPI)
- Financial Planning
- Development of business cases for security
- Analyzing, forecasting, and developing a capital expense budget
- Analyzing, forecasting, and developing an operating expense budget
- Return on Investment (ROI) and cost-benefit analysis
- Vendor management
- Integrating security requirements into the contractual agreement and procurement process