

Certified Information Security Officer (CISO)

Module Information



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What Modules are covered?

Module 1 - Governance (Policy, Legal, and Compliance)

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

Module 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

Module 3 - Security Program Management & Operations

The role of the CISO
Information Security Projects
Integration of security requirements
Domain 4: Information Security Core Concepts

Module 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

Module 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

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