

BCS Certificate in Information Security Management Principles (CISMP)

Duration: 5 Days Course Code: CISMP

Overview:

This course is to provide training for their CISMP examination. The course will provide you with the knowledge and understanding of the main principals required to be an effective member of an information security team with security responsibilities as part of your day to day role. It will also prepare individuals who are thinking of moving into information security or related functions. You will be thoroughly prepared to undertake the BCS examination, The achieved qualification will prove that the holder has a good knowledge and basic understanding of the wide range of subject areas that make up information security management.

Target Audience:

IT managers/administrators (security). CISM. CISO, CDPO
Department heads
Police and security forces
(prepare/protect/prevent)
Risk/threat/vulnerability analysts
Policy maker

Objectives:

- Knowledge of the concepts relating to information security management (confidentiality, availability, vulnerability, threats, risks and countermeasures etc.)
 - Understanding of the current business and technical environments in which information security management has to operate;
 - Understanding of current legislation and regulations which impact upon information security management in the UK; Awareness of current national and international standards, frameworks and organisations which facilitate the management of information security;
 - Knowledge of the categorisation, operation and effectiveness of controls of different types and characteristics.
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Prerequisites:

- A minimum of 12 months experience within any IT job is beneficial. No technical skill or Security background is required.
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Content:

Module 1: Information Security Management Principles

- Concepts and Definitions
- The Need for, and the Benefits of Information Security

Module 2: Risk

- Threats to, and Vulnerabilities of Information Systems
- Risk Management

Module 3: Information Security Framework

- Organisation and Responsibilities
- The Organisation's Management of Security
- Organisational Policy, Standards and Procedures
- Information Security Governance
- Information Security Implementation
- Security Information Management
- Legal Framework
- Security Standards and Procedures

Module 4: Procedural and People Security Controls

- People
- User Access Controls
- Communication, Training and Awareness

Module 5: Network Security

- Protection from Malicious Software
- External Services
- IT Infrastructure
- Networking

Module 6: Technical Security Controls

- Testing, Audit, and Review
- Systems Development and Support

Module 7: Cloud Computing

- Cloud Computing

Module 8: Software Development and Lifecycle (SDLC)

Module 9: Securing the Infrastructure

- Network Design Elements

Module 10: Physical and Environmental Security Controls

Module 11: Disaster Recovery and Business Continuity Management

Module 12: Cryptography

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/