

## BCS Certificate in Information Security Management Principles (CISMP)

Duration: 4 Days    Course Code: CISMP    Version: 9.0

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### Overview:

This course follows the latest [BCS syllabus](#) and prepares delegates for the BCS examination.

You will gain an 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.

This qualification will prove that the holder has knowledge of the concepts relating to information security, along with an understanding of current regulations and legislation.

**An exam voucher is included with this course**

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### Target Audience:

Anyone with an interest in information security, whether as a career or for general business knowledge.

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### Objectives:

■ **After completing this course you should have:**

- Knowledge of the concepts relating to information security management (confidentiality, availability, vulnerability, threats, risks and countermeasures etc.)
- An 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;

- An understanding of the current business and technical environments in which information security management has to operate;
  - Knowledge of the categorisation, operation and effectiveness of controls of different types and characteristics.
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### Prerequisites:

**Attendees should meet the following pre-requisites:**

- A working knowledge of IT is essential
- An understanding of the general principles of information technology security would be useful
- Awareness of the issues involved with security control activity would be advantageous

### Testing and Certification

**Recommended as preparation for the following exams:**

- BCS Foundation Certificate in Information Security Principles
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## Content:

1. Information Security Management Principles – 10%	4. Security Lifecycle – 10%	7. Physical and Environmental Security Controls – 5%
■ 1.1 Concepts and definitions	■ 4.1 Importance and Relevance of Security Lifecycle	■ 7.1 Physical and Environmental Considerations
■ 1.2 The need for ; benefits of Information Security	■ 4.2 Stages of the Information Lifecycle	
	■ 4.3 Lifecycle Design Process	
	■ 4.4 Audit, Review and Change Control	
	■ 4.5 Systems Development	
2. Information Risk – 10%		8. Disaster recovery and business continuity management – 5%
■ 2.1 Threats to ; vulnerabilities of information systems	5. Procedural/people security controls – 15%	■ 8.1 Differences between Disaster Recovery and Business Continuity
■ 2.2 Risk Management	■ 5.1 People	
	■ 5.2 User access controls	
	■ 5.3 Training	
3. Information Security Framework – 15%	6. Technical security controls – 25%	9. Other technical aspects – 5%
■ 3.1 Organisation and responsibilities	■ 6.1 Protection from malicious software	■ 9.1 Investigations ; forensics
■ 3.2 Legal framework	■ 6.2 Networks and communications	■ 9.2 Role of cryptography
■ 3.3 Security standards and procedures	■ 6.3 External services	
	■ 6.4 Cloud computing	
	■ 6.5 IT infrastructure	

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK