

Comsure

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**MQA
Approval in
process**

CERTIFICATE IN
**Information Security
Management Principles**



Study and achieve a BCS Certified Information Security Management qualification in Mauritius – April 2020.



The Course

This intensive and highly practical 5-day course is accredited by the British Computer Society (BCS), the Institute of Information Security Professionals (IISP) and as part of the GCHQ Certified Training (GCT) scheme. The course has been designed to provide the necessary information and guidance in order for delegates to further their own understanding and improve organisational information security management arrangements.

The course will enable delegates to confidently sit the 2 hour multiple choice BCS Certificate in Information Security Management Principles (CISMP) exam which is taken on the final afternoon of the course.

The Scheme assesses cyber security training against relevant areas of the industry respected Institute of Information Security Professionals Skills Framework and offers security professionals the opportunity to gain appropriate knowledge and skills.

Pre-requisites

There are no pre-requisites for attending this course. However, delegates would benefit from having a general awareness of issues involved in managing information securely.

Who should attend?

The course will benefit those with an interest in information security, either as a potential career or as an additional part of their general business knowledge.

It provides an ideal foundation on which other qualifications can be built. Delegates will be able to return to their organisation and contribute to the process of ensuring that information is appropriately protected.

The Benefits

By the end of this course, delegates will have a clear understanding of all the key components of information security best practice.

Delegates will benefit from the practical experiences of Comsure's trainers who are all practising consultants and risk management experts.

It is Comsure's policy that all trainers have real-life implementation and deployment experience within both public and private sector organisations which they can draw upon and share with course delegates.

Each of Comsure's trainers holds a 'Pass Distinction' in the CISMP exam.



On completion of this course delegates will:

- Be able to specify the business case for information security.
- Understand the challenges posed in managing information risk including those of cyber security.
- Be able to address the business issues relating to legislation, regulation and corporate governance as it affects information security.
- Understand the issues and risks relating to information security management and have a clear insight into the controls needed to manage them.
- Understand how the different concepts of information security management relate to each other.
- Be able to confidently sit the CISMP exam.

Comments from previous delegates...

"I learnt a lot which I am already using on a day-to-day basis. The course is delivered in a very enthusiastic and interesting way."

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"Really, really worthwhile and beneficial. Course was very challenging and thought provoking. The depth of general information and experience exceeded expectations."

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"This is an excellent course. The course materials are very clearly written and easy to follow. The tutors clearly had a lot of real world experience and practical advice. Unlike many courses which teach you how to pass an exam, this course really adds value. I would recommend this course to informations security professionals, senior business leaders and anyone needing a good understanding of the subject."



- **Information security concepts & definitions:** Information Security Management System (ISMS) concept.
- **The need for, and benefits of, information security:** Corporate Governance
- **Information risk management**
- **Information security organisation and responsibilities:** Legal and regulatory obligations.
- **Policies, standard and procedures:** Delivering a balanced ISMS. Security procedures.
- **Information security governance:** Policy reviews, Security audits.
- **Security incident management:** Objectives and stages of incident management.
- **Information security implementation:** Getting management buy-in.
- **Legal framework:** Processing personal data. Employment Issues. Computer misuse. Intellectual property rights. Data Protection Act.
- **Security standards and procedures:** ISO 27001 series, ISO 22301, PCI DSS, PAS 555, Cyber Essentials and ISO 15408 including the practicalities of certification for organisations.
- **Threats to, and vulnerabilities of information systems**
- **People security:** Organisational culture. Acceptable use policies.
- **Systems development and support:** Linking security to whole business process. Change management process. Handling security patches.
- **Role of cryptography:** Common encryption models.
- **Protection from malicious software:** Methods of control
- **User access controls:** Authentication and authorisation mechanisms.
- **Networks and communications:** Partitioning networks. Role of cryptography. Controlling 3rd party access. Intrusion monitoring. Penetration testing. Cloud computing.
- **IT infrastructure:** Operating, network, database and file management systems.
- **Testing, audit and review:** Strategies for security testing of business systems.
- **Training:** The purpose and role of training. Promoting awareness
- **Physical and environmental security:** Controlling access and protecting physical sites and other assets.
- **Disaster recovery and business continuity management:** Relationship between risk assessment and impact analysis.
- **Investigations and forensics:** Common process tools and techniques. Legal and regulatory guidelines.



The Trainer

Steven Cockcroft MSc MBCS MCQI CQP

*Managing Director of Mile House Consulting Ltd and the
Managing Director of www.cybersecurity-professionals.com.*

He holds accredited trainer status from the British Computer Society, PECB, APMG and is accredited under the GCHQ Certified Trainer scheme, delivering training in the areas of Cyber Security, Information Security, Data Protection, Business Continuity Management, Audit, Risk Management and Business Continuity Management.

He has taught over 1,000 delegates the CISMP course over the last 10 years and has assisted over 30 organisations to become certified to international best practice information security frameworks including the UK Government Cyber Essentials Scheme, ISO 27001 and ISO 22301.

He also holds, or has held, membership of the following professional bodies throughout his career, British Computer Society, Institute of Information Security Professionals, Chartered Quality Institute, Institute of Risk Management, Transparency International and the Chartered Institute of Logistics and Transport.

He is a highly respected instructor, consultant and speaker, holds an MSc from the University of Leicester Centre of Quality Excellence and sees a direct link between information security management and organisational excellence.



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