CCQM CERTIFIED ISO/IEC 27002
LEAD MANAGER

MASTERING THE FUNDAMENTAL PRINCIPLES, CONCEPTS AND IMPLEMENTATION OF THE BEST PRACTICES OF INFORMATION SECURITY CONTROLS WITHIN THE PROCESS OF IMPLEMENTING AN INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) BASED ON ISO/IEC 27002.

SUMMARY

This five day intensive course enables the participants to develop the expertise needed to support an organization in implementing and managing the information security controls of an Information Security Management System (ISMS) based on ISO/IEC 27001. Participants will also be given a thorough grounding in the best practices used to implement information security controls from all the areas of ISO/IEC 27002. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects). It is also fully compatible with ISO 27003 (Guidelines for the Implementation of an ISMS), ISO 27004 (Measurement of Information Security) and ISO/IEC 27005 (Risk Management in Information Security).

- Managers or consultants wanting to implement an Information Security Management System (ISMS)
- Project managers or consultants wanting to master the Information Security Management System implementation process
- Persons responsible for the information security or conformity in an organization
- Members of information security teams
- Expert advisors in information technology
- Technical experts wanting to prepare for an Information Security Audit function
- Persons responsible to develop their own information security management guidelines

COURSE AGENDA   DURATION: 5 DAYS

DAY 1

Introduction to Information Security controls and ISO/IEC 27002
- Course objective and structure
- Standard and regulatory framework
- Fundamental Principles of Information Security
- Information Security Management System
- Information security policies
- Organization of information security

DAY 2

Human resources, Asset Management and Access Control
- Human resources security
- Asset Management
- Access Control

DAY 3

Operations and communications security as required by ISO/IEC 27001
- Cryptography
- Physical and Environmental Security
- Operations Security
- Communications security

DAY 4

Continuous improvement and preparation for certification
- System acquisition, development and maintenance
- Supplier Relationships
- Information security Incident Management
- Information security aspects of business continuity management
- Compliance
- Golden Rules and Conclusion
- Lead Manager Certification Scheme
- Closing the Training

DAY 5

Certification Exam

LEARNING OBJECTIVES

► To gain a comprehensive understanding of the concepts, approaches, standards, methods and techniques related to an ISMS and the required information security controls

► To understand the initiation, implementation, maintenance and improvement of the ISMS within an organization

► To acquire the necessary expertise to manage a team implementing ISO/IEC 27002

► To develop the knowledge and skills required to advise organizations on best practices in the management of information security controls

► To improve the capacity for analysis and decision making in the context of information security controls

EXAMINATION

The "CCQM Certified ISO/IEC 27002 Lead Manager" exam fully meets the requirements of the CCQM Examination and Certification Program (ECP). The exam covers the following competence domains:

- Domain 1: Fundamental principles and concepts for Information Security Controls

- Domain 2: Information Security Control Best Practice based on ISO/IEC 27002

  - Domain 2.1: Guidance for Information Security Controls

  - Domain 2.2: Evaluate the need and applicability of each control

  - Domain 2.3: Direct the adherence to each control

  - Domain 2.4: Monitor all or key activities related to all the controls

- The "CCQM Certified ISO/IEC 27002 Lead Manager" exam is available in different languages, such as English, French, Spanish and Portuguese
- Duration: 3 hours
- For more information about the exam, please visit: www.ccqm.ch

CERTIFICATION

► After successfully completing the "CCQM ISO/IEC 27002 Lead Manager" exam, participants can apply for the credentials of CCQM Certified ISO/IEC 27002 Provisional Lead Manager, CCQM Certified ISO/IEC 27002 Manager or CCQM Certified ISO/IEC 27002 Lead Manager, depending on their level of experience:

Credential	Exam	Professional Experience	ISMS Project Experience	Other Requirements
CCQM Certified ISO/IEC 27002 Provisional Manager	CCQM Certified ISO/IEC 27002 Lead Manager Exam	None	None	Signing the CCQM code of ethics
CCQM Certified ISO/IEC 27002 Manager	CCQM Certified ISO/IEC 27002 Lead Manager Exam	**Two years** One year in Information Security Management related work experience	Information security management activities totaling 200 hours	Signing the CCQM code of ethics
CCQM Certified ISO/IEC 27002 Lead Manager	CCQM Certified ISO/IEC 27002 Lead Manager Exam	**Five years** One year in Information Security Management related work experience	Information security management activities totaling 300 hours	Signing the CCQM code of ethics

GENERAL INFORMATION

► Certification fees are included in the exam price
► Participant manual contains over 450 pages of information and practical examples
► A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to the participants
► In case of failure of the exam, the participants are allowed to retake it for free under certain conditions

For additional information, please contact us at info@ccqm.ch | www.ccqm.ch