Certified ISO 27002 Manager

Course Description (v1.0)

Fifalde Consulting Inc.
+1-613-699-3005

Information Security Foundation based on ISO/IEC 27002

Mastering the fundamental principles and concepts of an information security control best practices based on ISO 27002.

This two-day intensive course enables participants to develop the expertise needed to support an organization in implementing and managing an Information Security Management System (ISMS) based on ISO 27002. Participants will also be given a thorough grounding in best practices used to implement information security controls from all 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).

Target Group

Everyone in the organization who is processing information, specifically:

- 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

Prerequisites

Entry requirements for the exam: None.

It is recommended that candidates take a course in Information Security Foundation based on ISO/IEC 27002 and delivered by an ANSI accredited trainer.

Exam

The "Certified ISO/IEC 27002 Manager" exam fully meets the requirements of the ANSI and PECB Examination and Certification Program. The exam covers the following competence domains:

Domain 1: Fundamental principles and concepts in Information Security

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

- The "Certified ISO/IEC 27002 Manager" exam is available in different languages (the complete list of languages can be found in the examination application form)
- Duration 2 hours

Objectives

The course objectives are:

- To understand the implementation of an ISMS
- To gain a comprehensive understanding of the concepts, approaches, standards, methods and techniques related to an ISMS
- To acquire the necessary expertise to support an organization implementing, managing and maintaining an ISMS
- To acquire the necessary expertise to manage a team implementing ISO/IEC 27002

Educational Approach

- This training is based on both theory and practice:
    » Sessions of lectures illustrated with examples based on real cases
    » Practical exercises based on case studies
    » Review exercises to assist the exam preparation
    » Practice test similar to the certification exam

- To benefit from the practical exercises, the number of training participants is limited

Content

Day 1: Introduction to Information Security Management System (ISMS) concepts as required by ISO 27002

- Understand and explain the operations of the ISO organization and the development of information security standards
- Ability to identify, analyze and evaluate the information security compliance requirements for an organization
- Ability to explain and illustrate the main concepts in information security and information security risk management
- Ability to distinguish and explain the difference between information asset, data and record
- Understand, interpret and illustrate the relationship between the concepts of asset, vulnerability, threat, impact and controls

Day 2: Security controls identification, assessment, evaluation and analyses according to ISO 27002 and Certification Exam

- Ability to identify, understand, classify and explain the clauses, security categories and controls of ISO 27002
- Ability to detail and illustrate the security controls best practices by concrete examples
- Ability to compare possible solutions to a real security issue of an organization and identify/analyze the strength and weakness of each solution
- Ability to select and demonstrate the best security controls in order to address information security control objectives stated by the organization
- Ability to create and justify a detailed action plan to implement a security control by listing the activities related
- Ability to analyze, evaluate and validate action plans to implement a specific control

Certification

- After successfully completing the "ISO 27002 Manager" exam, participants can apply for the credentials of Certified ISO 27002 Provisional Manager or Certified ISO 27002 Manager, depending on their level of experience
- A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential

General Information

- Exam and certification fees are included in the training price
- A student manual containing over 200 pages of information and practical examples will be distributed to participants

Fifalde
CONSULTING INC.

Leading Your Business Transformation