



## **ISO/IEC 27001 Information Security Foundation Course** (2-day Classroom Training)

This course enables participants to learn about the best practices for implementing and managing an Information Security Management System (ISMS) as specified in ISO/IEC 27001:2013, as well as the best practices for implementing the information security controls of the eleven domains of the ISO 27002. This training also helps to understand how ISO 27001 and ISO 27002 relate with ISO 27003 (Guidelines for the implementation of an ISMS), ISO 27004 (Measurement of information security) and ISO 27005 (Risk Management in Information Security).

### **Audience**

- Members of an information security team
- IT Professionals wanting to gain a comprehensive knowledge of the main processes of an Information Security Management System (ISMS)
- Staff involved in the implementation of the ISO 27001 standard
- Technicians involved in operations related to an ISMS
- Auditors
- CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks

### **Learning Objectives**

- Understand the implementation of an Information Security Management System in accordance with ISO27001
- Understand the relationship between an Information Security Management System, including risk management, controls and compliance with the requirements of different stakeholders of the organization
- Know the concepts, approaches, standards, methods and techniques allowing to effectively manage an Information Security Management System
- Acquire the necessary Knowledge to contribute in implementing an Information Security Management System (ISMS) as specified in ISO 27001

### **Prerequisite**

No.



## Exam

- The “Certified ISO/IEC 27001 Foundation” exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competence domains:
- Domain 1: Fundamental principles and concepts of information security
- Domain 2: Information Security Management System (ISMS)
- The “Certified ISO/IEC 27001 Foundation” exam is available in different languages (the complete list of languages can be found in the examination application form)
- The exam is paper-based and consists of 4 essay-type questions
- Open book: Participants may use all PECB provided documentation plus their own course notes, but will not be permitted to use any computer, laptop or any other electronic device.
- A minimum score of 70% is required to pass the exam
- The exam lasts 60 minutes

For more information about the exam, refer to PECB section on ISO 27001 Foundation Exam

- A certificate of “Certified ISO/IEC 27001 Foundation” will be issued to participants who successfully passed the exam and comply with all the other requirements related to this credential
- For more information about ISO 27001 certifications and PECB certification process, refer to PECB section on ISO 27001 Foundation

## Course Material

Participants receive:

- A copy of the classroom presentation material
- A study handbook containing information and practical examples



## Agenda

### Day 1: Introduction to Information Security Management System (ISMS) concepts as required by ISO 27001

Introduction to the ISO 27000 family of standards

Introduction to management systems and the process approach

Fundamental principles information security

General requirements: presentation of the clauses 4 to 8 of ISO 27001

Implementation phases of ISO 27001 framework

Continual improvement of Information Security

Conducting an ISO 27001 certification audit

### Day 2: Implementing controls in information security according to ISO 27002 and Certification Exam

Principles and design of information security controls

Documentation of an information security control environment

Monitoring and reviewing the information security controls

Examples of implementation of information security controls based on ISO 27002 best practices

Certified ISO/IEC 27001 Foundation exam