

## Course Outline

---

### Certified ISO 27001 Foundation

**Duration:** 2 days

**Learning Objectives:**

This course enables the participants to learn about the best practices for implementing and managing an Information Security Management System (ISMS) as specified in ISO/IEC 27001:2005, 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 are linked with ISO 27003 (Guidelines for the implementation of an ISMS), ISO 27004 (Measurement of information security) and ISO 27005 (Risk Management in Information Security).

- To understand the implementation of an Information Security Management System in accordance with ISO27001
- To understand the relationship between an ISMS, including risk management, controls and compliance
- To know the concepts, approaches, standards, methods and techniques allowing to effectively manage an ISMS

**Target Audience:**

- Members of an information security team
- Staff involved in the implementation of the ISO 27001 standard
- Technicians involved in operations related to an ISMS
- Auditors

**Prerequisites**

None

**EXAM:**

- The “Certified ISO/IEC 27001 Foundation” exam fully meets the requirements of the PECB Examination 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)
- Duration: 1 hour

**Certification:**

- 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

Credential	Exam	Professional experience	ISMS Audit experience	ISMS Project experience	Other Requirements
ISO 27001 Foundation	ISO 27001 Foundation	None	None	None	Signing the PECB code of ethics

### General Information:

- Certification fees are included in the exam price
- A student manual containing over 200 pages of information and practical examples will be distributed to participants
- A participation certificate of 14 CPD (Continuing Professional Development) credits will be issued to participants

### Topics Covered:

- Introduction to Information Security Management System (ISMS) concepts as required by ISO 27001
  - Normative, regulatory and legal framework related to information security
  - Fundamental principles of information security
  - The ISO 27001 certification process
  - Detailed presentation of the clauses 4 to 8 of ISO27001
- Introduction to Information Security Management System (ISMS) concepts as required by ISO 27001
  - Introduction to the ISO 27000 standards family
  - Introduction to management systems and the process approach
  - General requirements: presentation of the clauses 4 to 8 of ISO 27001
  - Implementation phases of the ISO 27001 framework
  - Continual improvement of Information Security
- Implementing controls in information security according to ISO 27002 and Certification Exam
  - Principles and design of information security controls
  - Documentation of a information security control environment
  - Monitoring and reviewing the information security controls
  - Security controls based on ISO 27002 best practices