PECB Certified ISO/IEC 27001
Lead Implementer

Master the implementation and management of Information Security Management Systems (ISMS) based on ISO/IEC 27001

Why should you attend?

ISO/IEC 27001 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Information Security Management System (ISMS) based on ISO/IEC 27001. During this training course, you will also gain a thorough understanding of the best practices of Information Security Management Systems to secure the organization`s sensitive information and improve the overall performance and effectiveness.

After mastering all the necessary concepts of Information Security Management Systems, you can sit for the exam and apply for a “PECB Certified ISO/IEC 27001 Lead Implementer” credential. By holding a PECB Lead Implementer Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to implement ISO/IEC 27001 in an organization.

Who should attend?

- Managers or consultants involved in Information Security Management
- Expert advisors seeking to master the implementation of an Information Security Management System
- Individuals responsible for maintaining conformance with ISMS requirements
- ISMS team members

Course agenda

Duration: 5 days

Day 1 | Introduction to ISO/IEC 27001 and initiation of an ISMS

- Course objectives and structure
- Standards and regulatory frameworks
- Information Security Management System (ISMS)
- Fundamental principles of Information Security Management Systems
- Initiating the implementation of an ISMS
- Understanding the organization and clarifying the Information Security objectives
- Analysis of the existing management system

Day 2 | Plan the implementation of an ISMS

- Leadership and approval of the ISMS project
- ISMS scope
- Information Security policies
- Risk assessment
- Statement of Applicability and top management`s decision to implement the ISMS
- Definition of the organizational structure of Information Security

Day 3 | Implementation of an ISMS

- Definition of the document management process
- Design of security controls and drafting of specific policies & procedures
- Communication plan
- Training and awareness plan
- Implementation of security controls
- Incident Management
- Operations Management

Day 4 | ISMS monitoring, measurement, continuous improvement and preparation for a certification audit

- Monitoring, measurement, analysis and evaluation
- Internal audit
- Management review
- Treatment of non-conformities
- Continual improvement
- Preparing for the certification audit
- Competence and evaluation of implementers
- Closing the training

Day 5 | Certification Exam

Learning objectives

- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks
- Master the concepts, approaches, methods and techniques used for the implementation and effective management of an ISMS
- Learn how to interpret the ISO/IEC 27001 requirements in the specific context of an organization
- Learn how to support an organization to effectively plan, implement, manage, monitor and maintain an ISMS
- Acquire the expertise to advise an organization in implementing Information Security Management System best practices

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 27001 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

Domain 1 | Fundamental principles and concepts of an Information Security Management System (ISMS)

Domain 2 | Information Security Management System controls and best practices based on ISO/IEC 27002

Domain 3 | Planning an ISMS implementation based on ISO/IEC 27001

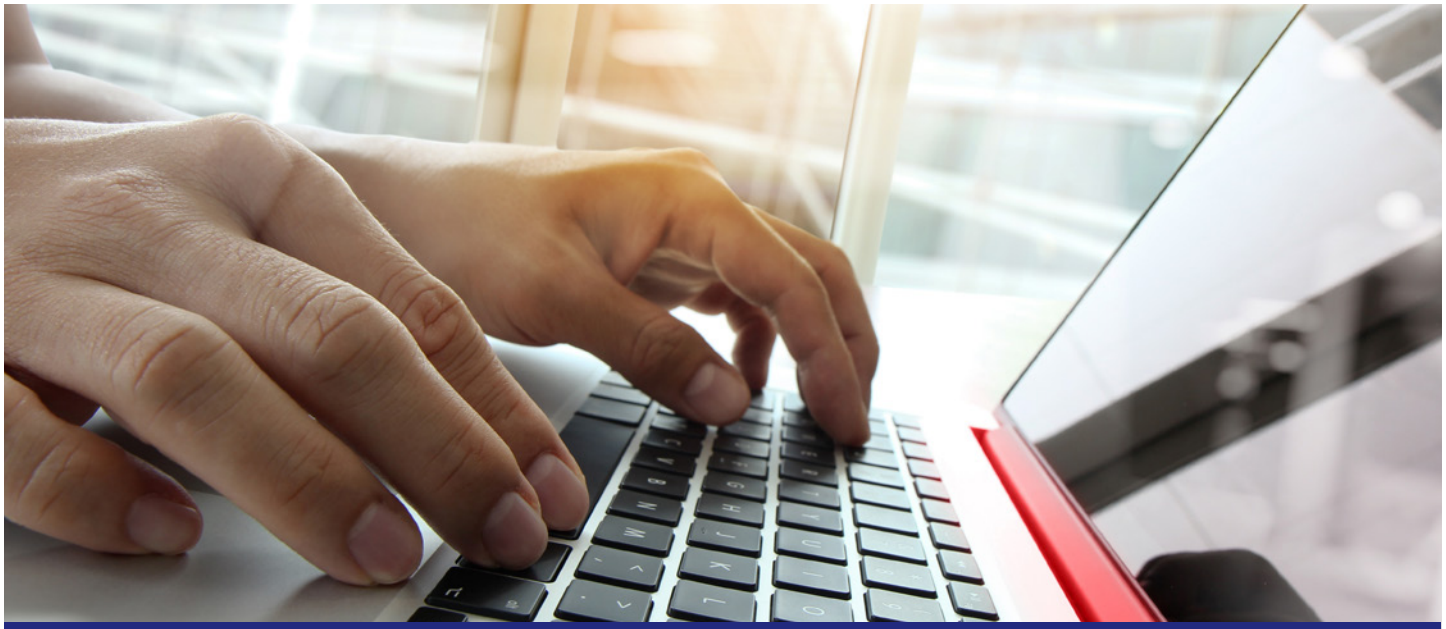
Domain 4 | Implementing an ISMS based on ISO/IEC 27001

Domain 5 | Performance evaluation, monitoring and measurement of an ISMS based on ISO/IEC 27001

Domain 6 | Continual improvement of an ISMS based on ISO/IEC 27001

Domain 7 | Preparing for an ISMS certification audit

For more information about exam details, please visit Examination Rules and Policies.



Certification

After successfully completing the exam, you can apply for the credentials shown on the table below.
You will receive a certificate once you comply with all the requirements related to the selected credential.

For more information about ISO/IEC 27001 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	ISMS project experience	Other requirements
PECB Certified ISO/IEC 27001 Provisional Implementer	PECB Certified ISO/IEC 27001 Lead Implementer exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27001 Implementer	PECB Certified ISO/IEC 27001 Lead Implementer exam or equivalent	**Two years:** One year of work experience in Information Security Management	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27001 Lead Implementer	PECB Certified ISO/IEC 27001 Lead Implementer exam or equivalent	**Five years:** Two years of work experience in Information Security Management	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27001 Master	PECB Certified ISO/IEC 27001 Lead Implementer exam or equivalent and PECB Certified ISO/IEC 27001 Lead Auditor exam or equivalent	**Ten years:** Six years of work experience in Information Security Management	Audit and Project activities: a total of 500 hours each	Signing the PECB Code of Ethics

General information

- Certification fees are included on the exam price
- Training material containing over 450 pages of information and practical examples will be distributed
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued
- In case of exam failure, you can retake the exam within 12 months for free