

PECB Certified ISO/IEC 27001 Lead Implementer

Master the implementation and management of information security management systems (ISMS) based on ISO/IEC 27001:2022.

Why should you take this training course?

Information security threats and attacks increase and improve constantly. The best form of defense against them is the proper implementation and management of information security controls and best practices. Information security is also a key expectation and requirement of customers, legislators, and other interested parties.

This training course is designed to prepare participants in implementing an information security management system (ISMS) based on ISO/IEC 27001. It aims to provide a comprehensive understanding of the best practices of an ISMS and a framework for its continual management and improvement.

After attending the training course, you can take the exam. If you successfully pass it, you can apply for a “PECB Certified ISO/IEC 27001 Lead Implementer” credential, which demonstrates your ability and practical knowledge to implement an ISMS based on the requirements of ISO/IEC 27001.

Who should attend?

- Project managers and consultants involved in and concerned with the implementation of an ISMS
- Expert advisors seeking to master the implementation of an ISMS
- Individuals responsible for ensuring conformity to information security requirements
- Members of an ISMS implementation team

The main requirement for participating in this training course is having a general knowledge of the ISMS concepts and ISO/IEC 27001.

COURSE
DURATION

5 days

EXAM



EXAM
DURATION

3 hours

RETAKE
EXAM

Free

Learning objectives

- Explain the fundamental concepts and principles of an information security management system (ISMS) based on ISO/IEC 27001
 - Interpret the ISO/IEC 27001 requirements for an ISMS from the perspective of an implementer
 - Initiate and plan the implementation of an ISMS based on ISO/IEC 27001, by utilizing PECB's IMS2 Methodology and other best practices
 - Support an organization in operating, maintaining, and continually improving an ISMS based on ISO/IEC 27001
 - Prepare an organization to undergo a third-party certification audit
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Course agenda

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

Training course objectives and structure • Standards and regulatory frameworks • Information Security Management System (ISMS) • Fundamental information security concepts and principles • Initiation of the ISMS implementation • Understanding the organization and its context • ISMS scope

DAY 2 Planning the implementation of an ISMS

Leadership and project approval • Organizational structure • Analysis of the existing system • Information security policy • Risk management • Statement of Applicability

DAY 3 Implementation of an ISMS

Documented information management • Selection and design of controls • Implementation of controls • Trends and technologies • Communication • Competence and awareness • Security operations management

DAY 4 ISMS monitoring, continual improvement, and preparation for the certification audit

Monitoring, measurement, analysis, and evaluation • Internal audit • Management review • Treatment of nonconformities • Continual improvement • Preparing for the certification audit • Certification process and closing of the training course

DAY 5 Certification Exam

Training material

The participant will receive training material containing more than 400 pages of information and practical examples in electronic form via the KATE app. As part of the full-time course, the participant will also receive printed training materials.

Examination

The “PECB Certified ISO/IEC 27001 Lead Implementer” exam meets the requirements of the PECB Examination and Certification Program (ECP). It covers the following competency domains:

DOMAIN 1	Fundamental principles and concepts of an information security management system (ISMS)
DOMAIN 2	Information security management system (ISMS)
DOMAIN 3	Planning an ISMS implementation based on ISO/IEC 27001
DOMAIN 4	Implementing an ISMS based on ISO/IEC 27001
DOMAIN 5	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

The exam takes the form of a test consisting of 80 multiple-choice questions. It is an open-book exam, where candidates are allowed to use the following reference materials: training course materials, any personal notes taken during the training course, a hard copy dictionary, a hard copy of a standard. The exam lasts 3 hours and can be taken online or in paper form. If you do not pass the exam, you can repeat the exam for free within 12 months.

Certification

Credential	Exam	Professional experience	Project experience
PECB Certified ISO/IEC 27001 Provisional Implementer	PECB Certified ISO/IEC 27001 Lead Implementer	None	None
PECB Certified ISO/IEC 27001 Implementer	PECB Certified ISO/IEC 27001 Lead Implementer	2 years: 1 year in Info. Security	Project activities: a total of 200 hours
PECB Certified ISO/IEC 27001 Lead Implementer	PECB Certified ISO/IEC 27001 Lead Implementer	5 years: 2 years in Info. Security	Project activities: a total of 300 hours
PECB Certified ISO/IEC 27001 Senior Lead Implementer	PECB Certified ISO/IEC 27001 Lead Implementer	10 years: 7 years in Info. Security	Project activities: a total of 1,000 hours

