RESILIENCE
TECH CONSULTING

PECB



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 grow and improve constantly. As such, organizations are increasingly concerned about how their valuable information is handled and protected. The best form of defense against them is the proper implementation and management of information security controls and best practices. Information security is the globally accepted benchmark and also a key expectation and requirement of customers, legislators, and other interested parties.

This training course is designed to prepare you to implement an information security management system (ISMS) based on the requirements of 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.

The training content is packed with practical exercises and case studies which will help you get equipped with real-world expertise that you can apply to your day-to-day operations and activities. Our training courses are all-inclusive, meaning that they cover everything you need to get the certificate.



Why is this course more desirable than the others?

The reasons why the PECB Certified ISO/IEC 27001 Lead Implementer training course is more desirable and valuable than the others is because it not only enables you to acquire the knowledge and competence in implementing an information security management system (ISMS) but also teaches you how to apply the skills required in practice. In addition to what the ISO/IEC 27001 standard tells you to do, this training course instead tells you how to do it, through various activities, exercises, case studies, multiple-choice standalone quizzes, and scenario-based quizzes. These will allow you to test your knowledge about the implementation process steps.

After attending the training course, you can take the exam. The exam type is unique because it is open-book and contains multiple-choice questions. It also contains standalone questions and scenario-based questions, which aim to simulate a real-life situations. 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.

What will the certification allow you to do?

Certification is the formal recognition and proof of knowledge which carries an important weight when you are entering the labor market, or when you want to advance in your career. Due to the technological advancements and the complexity of cyberattacks, the demand for IT professionals continues to be in high demand. As such, the ISO /IEC 27001 certification has become the norm for best-practice in information security. By taking a certification you showcase a certain skill level which will display added value not only to your professional career but to your organization as well. This can help you stand out from the crowd and increase your earning potential.



Who should attend this training course?

- Managers or consultants involved in and/or concerned with the implementation of an information security management system in an organization
- Project managers, consultants, or expert advisers seeking to master the implementation of an information security management system; or individuals responsible to maintain conformity with the ISMS requirements within an organization
- Members of the ISMS team

Course agenda

Duration: 5 days

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

- Training course objectives and structure
- Standards and regulatory frameworks
- Information security management system based on ISO/IEC 27001
- Fundamental concepts and principles of information security
- Initiation of the ISMS implementation
- Understanding the organization and its context
- ISMS scope

Day 2 | Implementation plan 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

- Selection and design of controls
- Implementation of controls
- Management of documented information
- Trends and technologies
- Communication
- Competence and awareness
- Management of security operations

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
- Preparation for the certification audit
- Closing of the training course

Day 5 | Certification Exam



Learning objectives

By the end of this training course, the participants will be able to:

- 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

Examination

Duration: 3 hours

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

Domain 2 | Information security management system requirements

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

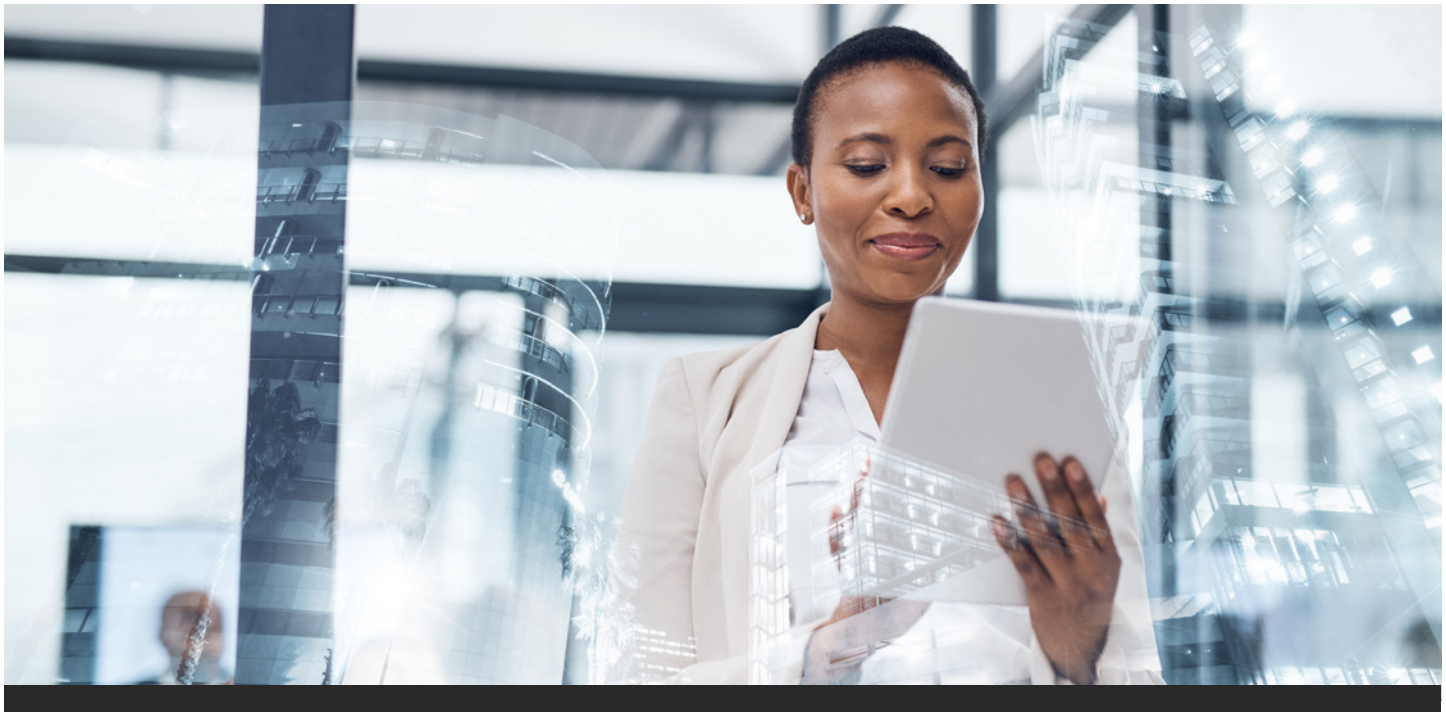
Domain 4 | Implementation of an ISMS based on ISO/IEC 27001

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 | Preparation for an ISMS certification audit

For specific information about exam type, languages available, and other details, please visit the List of PECB Exams and the Examination Rules and Policies.



Certification

After successfully passing the exam, you can apply for one of the credentials shown below. You will receive the 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 in information security management)	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 in information security management)	300 hours	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27001 Senior Lead Implementer	PECB Certified ISO/IEC 27001 Lead Implementer exam or equivalent	Ten years (Seven years in information security management)	1,000 hours	Signing the PECB Code of Ethics

Note: *PECB certified individuals who possess Lead Implementer and Lead Auditor credentials are qualified for the respective PECB Master credential, given that they have taken four additional Foundation exams related to this scheme. More detailed information about the Foundation exams and the Master credential requirements can be found here.*

General information

- Certification and examination fees are included in the price of the training course
- Participants will be provided with the training course material containing over 450 pages of explanatory information, examples, best practices, exercises, and quizzes.
- An Attestation of Course Completion worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- In case candidates fail the exam, they can retake it within 12 months following the initial attempt for free.