PECB ISO/IEC 27001 Lead Implementer

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.

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 h Understanding the organization and its context
- ISMS scope

Day 2 Planning the implementation of an ISMS

- Leadership and project approval
- Organizational structure h 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