

Certified ISO/IEC 27001 Lead Implementer

Learn via: **Classroom/AFA**

Duration: **4 Day**

Overview

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

What You Will Learn

- 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

Outline

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

Remote PECB Proctored Exam

Results will be communicated by email in a period of 6 to 8 weeks, after taking the exam. The results will not include the exact grade of the candidate, only a mention of pass or fail. Candidates who successfully complete the examination will be able to apply for a certified scheme which is explained in the course description. In the case of a failure, the results will be accompanied with the list of domains in which the candidate had failed to provide guidance for exams' retake preparation. Candidates, who disagree with the exam results, may file a complaint by writing to examination@pecb.com or through PECB ticketing system.

The "PECB Certified ISO/IEC 27001 Lead Implementer" **remote proctored** exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The **remote proctored** 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