



Leading Your Business Transformation

A background image showing silhouettes of business professionals in a modern office setting, overlaid with a dark blue horizontal band. On the right side of the band, there are three white gear icons of varying sizes, partially overlapping the dark band and the background image.

ISO/IEC 27001 Lead Implementer

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1. Course Description:

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.

2. Audience:

- Members of an information security team
- IT Professionals wanting to gain a comprehensive knowledge of the main processes of an Information Security Management System (ISMS)
- Staff involved in the implementation of the ISO 27001 standard
- Technicians involved in operations related to an ISMS
- Auditors
- CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks

3. 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

4. Benefits of Taking This Course:

- Qualifying oneself to implement an ISMS.
- Formal and independent recognition of personal competencies

5. Prerequisites:

None although the foundation level certification can be an asset

6. Course Materials:

You will receive the following as part of this course:

- A copy of the classroom presentation material
- A study handbook containing information and practical examples

7. About the Examination:

The "Certified ISO/IEC 27001 Lead Implementer" exam, duration of 3 hours, fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competence 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

8. Course Agenda

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

Fifalde Consulting Inc. is a trusted independent advisor, helping organizations maximize efficiencies and increase value to their IT services. We specialize in the delivery of Information Technology Service Management (ITSM) and Information Security Management (ISM) consulting and training services, using best practices such as the Information Technology Infrastructure Library (ITIL®), TIPA®, TOGAF®, and standards such as ISO/IEC 20000, 27001, 38500 and others. Fifalde's team includes a network of the most accredited consultants and trainers in the IT industry.

For more information on what Fifalde can offer your organization, please visit fifalde.com
This training is certified by PECB.

PECB

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