



## PECB Certified ISO 27799 Lead Manager

**Become acquainted with the best Information Security Controls of Health Care based on ISO 27799 and ISO/IEC 27002**

### **Why should you attend?**

ISO 27799 Lead Manager training enables you to acquire the necessary expertise to support an organization in implementing and managing Information Security controls based on ISO 27799 and ISO/IEC 27002. During this training course, you will also gain a comprehensive knowledge of the best practices of Information Security Controls and how to improve Information Security within a healthcare organization. Additionally, this training enables you to develop the necessary expertise to support healthcare organizations in establishing, implementing, managing and maintaining an Information Security Management System (ISMS). Furthermore, during this training you will learn the complex and different factors that should be taken into account when dealing with information security issues within a healthcare organization.

After mastering all the necessary concepts of Information Security Controls, you can sit for the exam and apply for a "PECB Certified ISO 27799 Lead Manager" credential. By holding a PECB Lead Manager Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to support and lead a team in implementing and managing Information Security Controls in healthcare organizations based on ISO 27799 and ISO/IEC 27002.



## Who should attend?

- Managers or consultants seeking to implement an Information Security Management System (ISMS) based on ISO/IEC 27001, ISO/IEC 27002 and ISO 27799
- Project managers or consultants seeking to master the Information Security Management System implementation process in healthcare organizations
- Individuals responsible for Information Security, compliance, risk, and governance in a healthcare organization
- Information Security team members
- Expert advisors in information technology
- Information Security officers
- Information Security managers
- Privacy officers
- IT professionals
- CTOs, CIOs and CISOs

## Course agenda

Duration: 5 days

### Day 1 | Introduction to Information Security controls as recommended by ISO 27799 and ISO/IEC 27002

- Course objectives and structure
- Standards and regulatory frameworks
- Fundamental principles of Information Security
- Fundamental principles of Health Information Security
- Information Security Management System
- Analysis of the existing management system

### Day 2 | Information Security requirements and objectives based on ISO 27799 and ISO/IEC 27002

- Information security policies
- ISMS Scope
- Risk assessment
- Risk treatment and acceptance
- Definition of the organizational structure of information security
- Design of Security Controls and Drafting of Specific Policies & Procedures

### Day 3 | Monitoring, measurement, analysis, and evaluation of Information Security controls

- Communication plan
- Training and awareness plan
- Monitoring, Measurement, Analysis and Evaluation
- Internal audit
- Management review

### Day 4 | Continual improvement of an organization's Information Security Management System performance

- Treatment of problems and non-conformities
- Continual improvement
- Compliance
- Golden rules and conclusion
- Competence and evaluation of managers
- Closing the training

### Day 5 | Certification Exam



## Learning objectives

- Master the implementation of Information Security controls in healthcare organizations by adhering to the framework and principles of ISO 27799 and ISO/IEC 27002
- Master the concepts, approaches, standards, methods and techniques required for the implementation and effective management of Information Security controls in healthcare organizations
- Comprehend the relationship between the components of Information Security controls, including responsibility, strategy, acquisition, performance, conformance, and human behavior
- Understand the importance of Information Security for the strategy of a healthcare organization
- Master the implementation of Information Security management processes
- Master the expertise to support a healthcare organization to effectively implement, manage and maintain Information Security Controls
- Master the formulation and implementation of Information Security requirements and objectives
- Master the development and administration of a health information security program, including: policies, procedures, risk assessment, security architectures etc.

## Examination

Duration: 3 hours

The “PECB Certified ISO 27799 Lead Manager” exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

**Domain 1 | Fundamental principles and concepts of Information Security**

**Domain 2 | Information Security Controls based on ISO 27799 and ISO/IEC 27002**

**Domain 3 | Planning and evaluation of the needs and applicability of Information Security Controls**

**Domain 4 | Implementation and management of Information Security Controls**

**Domain 5 | Monitoring and measurement of Information Security Controls**

**Domain 6 | Continual improvement of Information Security Controls**

For more information about exam details, please visit Examination Rules and Policies.



## Certification

After successfully completing the exam, you can apply for the credentials shown on the table below. You will receive a certificate once you comply with all the requirements related to the selected credential.

For more information about ISO 27799 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	SR project experience	Other requirements
<b>PECB Certified ISO 27799 Provisional Manager</b>	PECB Certified ISO 27799 Manager exam or equivalent	None	None	Signing the PECB Code of Ethics
<b>PECB Certified ISO 27799 Manager</b>	PECB Certified ISO 27799 Manager exam or equivalent	<b>Two years:</b> One year of work experience in Information Security Management	Information Security Management activities: a total of 200 hours	Signing the PECB Code of Ethics
<b>PECB Certified ISO 27799 Lead Manager</b>	PECB Certified ISO 27799 Lead Manager exam or equivalent	<b>Five years:</b> Two years of work experience in Information Security Management	Information Security Management activities: a total of 300 hours	Signing the PECB Code of Ethics

## General information

- Certification fees are included on the exam price
- Training material containing over 500 pages of information and practical examples will be distributed
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued
- In case of exam failure, you can retake the exam within 12 months for free