



ISO 42001 Lead Implementer

 Online instructor-led
E-Learning
Self-study
On-site
Modality

 English
Language

 5 days
Duration





Master the implementation of Artificial Intelligence Management Systems (AIMS) with the ISO/IEC 42001 Lead Implementer course. In just 5 days, you'll gain the expertise to translate AI strategies into compliant and actionable solutions by implementing ISO/IEC 42001 within your organisation.

This course provides a practical approach to AIMS implementation, equipping you with the skills to build, operate, and improve AI governance frameworks. From initial planning to preparing for third-party certification audits, you'll learn to lead AIMS implementation projects with competence and confidence. Upon passing the exam, you can apply for the PECB Certified ISO/IEC 42001 Lead Implementer credential — proof of your ability to implement responsible and auditable AI systems.

Learning Objectives

By the end of the course, you will be able to:

-  Explain the key concepts and principles of AIMS based on ISO/IEC 42001
-  Interpret the ISO/IEC 42001 requirements from an implementer's perspective

- ✓ Plan and initiate the implementation of an AIMS using best practices and the PECB IMS2 Methodology
- ✓ Operate, monitor, and continually improve an AIMS within an organisation
- ✓ Prepare for and support a third-party certification audit

Who Should Attend?

- 🔍 Professionals managing or overseeing AI initiatives
- 👤 Consultants advising on AI implementation strategies
- 🛡️ Expert advisors and specialists seeking to master AIMS deployment in line with ISO/IEC 42001
- 👥 Team members involved in AIMS implementation
- 📄 Executives seeking to make informed decisions regarding AI implementation and its alignment with ISO/IEC 42001

Course Agenda

Day 1 | Introduction to ISO/IEC 42001 and the initiation of an AIMS implementation

- Training course objectives and structure
- Standards and regulatory frameworks
- Artificial intelligence management system (AIMS)
- Fundamental concepts and principles of artificial intelligence
- AIMS implementation approaches
- Leadership and project approval
- Roles and responsibilities

Day 2 | Implementation plan of an AIMS

- The organization and its context
- AIMS scope
- Analysis of the existing system
- AI policy
- AI risk management
- Statement of Applicability

Day 3 | Implementation of an AIMS.




- Selection and design of controls
- Implementation of controls
- Management of documented information
- Communication
- Competence and awareness
- Management of AI operations

Day 4 | AIMS 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

• What's Included?

-  400+ pages of material, exercises, examples, and implementation tools
-  Certification and exam fees
-  Course completion attestation , granting 31 CPD credits.


• Certification & Exam

Certification Prerequisites

After passing the exam, you can apply for one of the credentials listed in the table below. You will receive a certification once you fulfill all the requirements of the selected credential.

The requirements for PECB ISO/IEC 42001 Implementer certifications are as follows:

	ISO/IEC 42001 Provisional Implementer	ISO/IEC 42001 Implementer	ISO/IEC 42001 Lead Implementer	ISO/IEC 42001 Senior Lead Implementer	Other requirements
General Work Experience	None	2 Years	5 Years	10 years	Signing the PECB Code of Ethics
AI Work experience	None	1 year	2 Years	7 years	
Hours of MS project experience	None	200 hours	300 hours	1000	

 **Exam:** 3 hours, taken on Day 5

It covers the following competency domains:

Domain 1 | Fundamental principles and concepts of an artificial intelligence management system (AIMS).

Domain 2 | Artificial intelligence management system requirements.


Domain 3 | Planning of an AIMS implementation based on ISO/IEC 42001.

Domain 4 | Implementation of an AIMS based on ISO/IEC 42001.

Domain 5 | Monitoring and measurement of an AIMS based on ISO/IEC 42001.

Domain 6 | Continual improvement and preparation for an AIMS certification audit.

 **Retake:** Free retake within 12 months if needed

 **Maintenance Fee:** First year included; fees applies from second year. Pay \$120/year or save 10% by paying three years upfront.