

ISO/IEC 42001 Lead Implementer eLearning Training Course

Master the knowledge and skills to serve as an Artificial Intelligence (AI) Specialist based on the requirements of ISO/IEC 42001

PECB

As the world is moving faster than ever, technological developments have rapidly evolved and are redefining, among others, the way we live, learn, and teach. This expansive nature of the internet and technology demand new ways of adapting to this new virtual environment for all of us. This new world has given birth to a new form of studying that is both efficient and of global reach: eLearning.

The ISO/IEC 42001 Lead Implementer eLearning training course enables you to acquire the necessary knowledge and skills to plan, implement, manage, monitor, maintain, and continually improve an artificial intelligence management system (AIMS).







Meet the Trainers

Our eLearning training courses have been catered to meet each individual's needs and have been designed with the aim of transcending spatial and temporal restrictions. Each eLearning training course is delivered by experienced Trainers from all around the world, and is divided into several video sections and subsections. Videos contain animations to support what the trainer is lecturing — the animations correspond to the sections provided in in the traditional mode of training. To keep our candidates engaged, we have incorporated quizzes into our eLearning training courses.

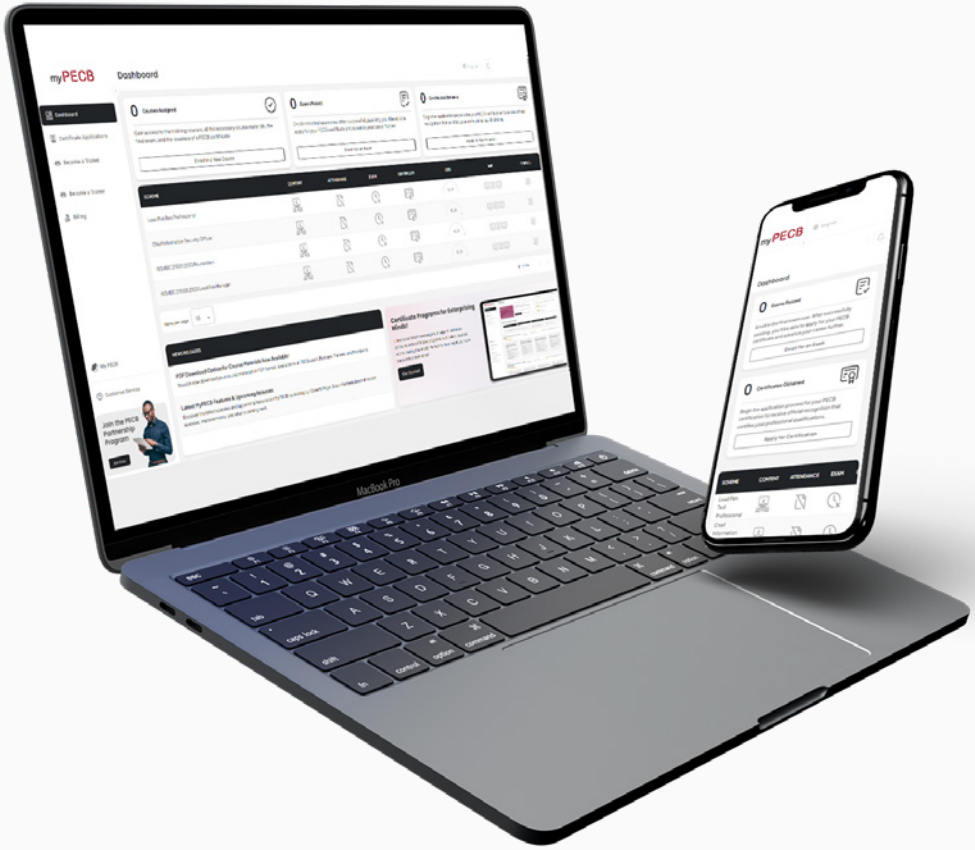
How does the ISO/IEC 42001 Lead Implementer eLearning experience look like?

Our ISO/IEC 42001 Lead Implementer eLearning training course is delivered on *my*PECB platform. It becomes available after you log in using your PECB account.

In addition to having the training course content in the video format, you can also access the regular training course materials format, structured in training course days, with the additional files available in an editable format (depending on the training course, the case study, exercises, and exercises correction key files will also be available).

Quizzes are part of the training course to increase interactivity between attendants and the training material.

- ✓ Take the training course
- ✓ Access the materials on *my*PECB
- ✓ Enter the exam at your most convenient date, time, and location via PECB Exams





How can you benefit from the PECB eLearning experience?



Our eLearning training courses have been designed to meet the needs of diverse learners who have different learning preferences and/or limited time to attend a training course session.

Here are some of the main benefits of the PECB eLearning experience:

- ✓ Both the training course and the examination are conducted fully online. Thus, all you need is an electronic device, and internet access.
- ✓ The training course is available 24/7, so you can adapt your study pace, time, and location to your schedule instead of having to adapt your schedule to the training course.
- ✓ The unlimited access allows you to go back to any section of the training course as needed.
- ✓ Every training course consists of several video sections
- ✓ This was done with the sole purpose of making the information easy to receive and process.

Simply put, the eLearning training courses are a convenient way to effectively enhance your professional skills.

Why should you attend?

Artificial intelligence (AI) is becoming a driving force in today's technology landscape. Its application has spanned across numerous sectors. Its rapid expansion brought unique challenges and considerations that demand specific expertise to ensure its effective implementation and responsible management. The PECB ISO/IEC 42001 Lead Implementer training course is your gateway to mastering the practical implementation and responsible management of AI management system.

The PECB ISO/IEC 42001 Lead Implementer eLearning training course is designed to prepare you to implement AI management system in accordance with ISO/IEC 42001. It provides you with the necessary competencies to effectively translate AI strategies into actionable solutions. It aims to provide a comprehensive understanding of AI implementation best practices and a framework for its successful integration within organizations, equipping you with the hands-on expertise to drive AIMS implementation projects.

After successfully completing the course and passing the exam, you can apply for the "PECB Certified ISO/IEC 42001 Lead Implementer" credential that demonstrates your ability to effectively implement AI strategies.

Who should attend?

- ✓ Professionals responsible for overseeing and managing AI projects
- ✓ Consultants advising on AI implementation strategies
- ✓ Expert advisors and specialists aiming to master the practical implementation of AIMS in accordance with ISO/IEC 42001
- ✓ Individuals tasked with ensuring that AI projects adhere to AI requirements within an organization
- ✓ Members of AIMS implementation teams involved in the implementation of AI systems
- ✓ Executives and managers seeking to make informed decisions regarding AI implementation and its alignment with ISO/IEC 42001



Training Course Structure

Section 1
- Training course objectives and structure

Section 2
- Standards and regulatory frameworks

Section 3
- Artificial intelligence management system (AIMS)

Section 4
- Fundamental concepts and principles of artificial intelligence

Section 5
- AIMS implementation approaches

Section 6
- Leadership and project approval

Section 7
- Roles and responsibilities

Section 8
- The organization and its context

Section 9
- AIMS scope

Section 10
- Analysis of the existing system

Section 11
- AI policy

Section 12
- AI risk management

Section 13
- Statement of Applicability

Section 14
- Selection and design of controls

Section 15
- Implementation of controls

Section 16
- Management of documented information

Section 17
- Communication

Section 18
- Competence and awareness

Section 19
- Management of AI operations

Section 20
- Monitoring, measurement, analysis, and evaluation

Section 21
- Internal audit

Section 22
- Management review

Section 23
- Treatment of nonconformities

Section 24
- Continual improvement

Section 25
- Preparation for the certification audit

Section 26
- Closing of the training course

Learning Objectives

- ✓ Explain the fundamental concepts and principles of an AIMS based on ISO/IEC 42001
- ✓ Interpret the ISO/IEC 42001 requirements for an AIMS from the perspective of an implementer
- ✓ Initiate and plan the implementation of an AIMS based on ISO/IEC 42001 by utilizing PECB's IMS2 Methodology and other best practices
- ✓ Support an organization in operating, maintaining, and continually improving an AIMS based on ISO/IEC 42001
- ✓ Prepare an organization to undergo a third party certification audit



Examination

The "PECB Certified ISO/IEC 42001 Lead Implementer" exam meets all the PECB Examination and Certification Program (ECP) requirements. 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

For specific information about the exam type, languages available, and other details, please visit the List of PECB Exams and the Examination Rules and Policies.

Certification

After successfully passing the exam, you can apply for one of the credentials below. You will receive the certificate once you comply with all the requirements related to the selected credential.

Credential	Exam	Professional experience	AI project experience	Other requirements
PECB Certified ISO/IEC 42001 Provisional Implementer	PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 42001 Implementer		Two years: One year of work experience in AI	Project activities: a total of 200 hours	
PECB Certified ISO/IEC 42001 Lead Implementer		Five years: Two years of work experience in AI	Project activities: a total of 300 hours	
PECB Certified ISO/IEC 42001 Senior Lead Implementer		Ten years: Seven years of work experience in AI	Project activities: a total of 1.000 hours	

General information

- ✓ Certification and examination fees are included in the price of the training course.
- ✓ Participants receive training course materials containing over 400 pages of information, practical examples, exercises, and quizzes.
- ✓ An attestation of course completion worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- ✓ Candidates who have completed the training course but failed the exam are eligible to retake the exam once for free within 12 months from the initial date of the exam.

***Note**: PECB certified individuals who possess Lead Implementer and Lead Auditor credentials are qualified for the respective PECB Master credential, given that they have taken four additional Foundation exams related to this scheme. More detailed information about the Foundation exams and the Master credential requirements can be found here.*



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