

ISO/IEC 42001 Lead Auditor eLearning Training Course

Master the audit techniques of an artificial intelligence management system (AIMS) based on the requirements of ISO/IEC 42001

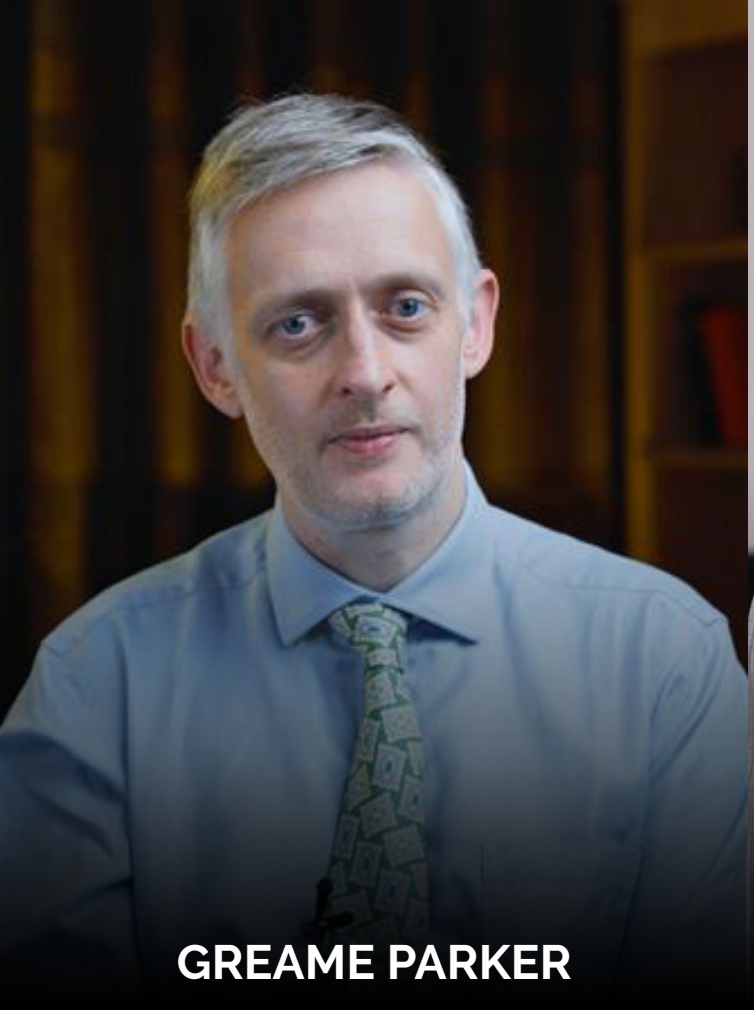
PECB

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 Auditor eLearning training course enables you to gain the necessary expertise to audit artificial intelligence management systems (AIMS) by applying widely recognized audit principles, procedures, and techniques.











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.

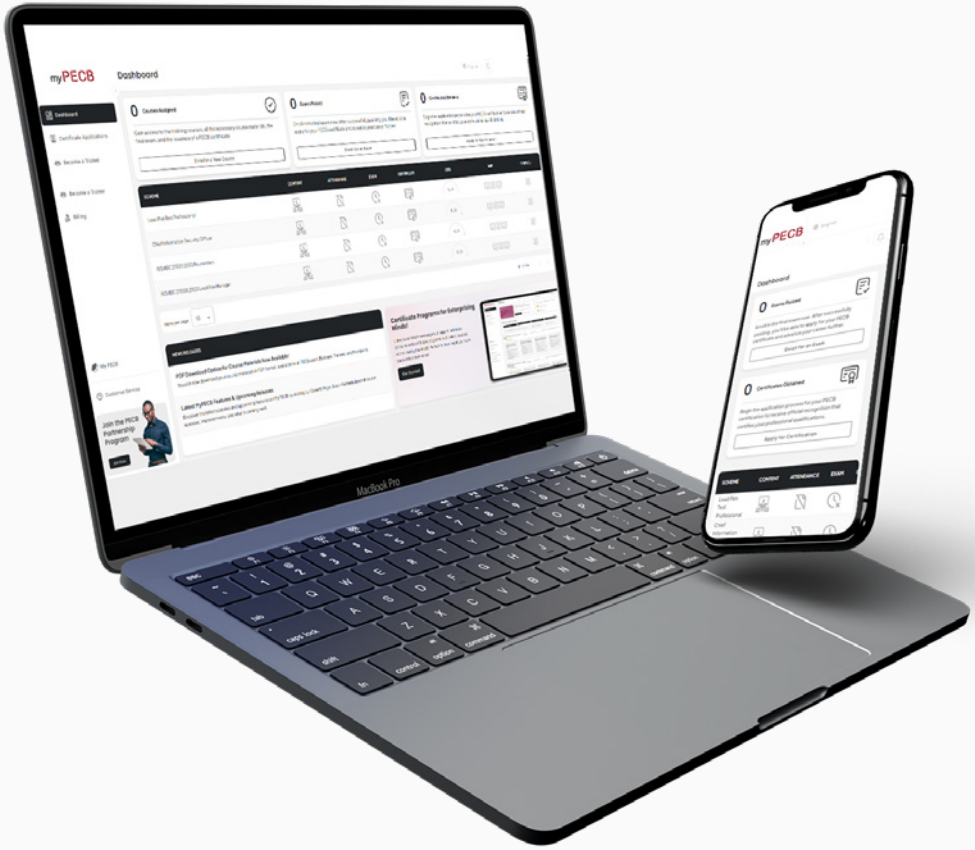
How does the ISO/IEC 42001 Lead Auditor eLearning experience look like?

Our **ISO/IEC 42001 Lead Auditor** 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) has become integral to the success of many organizations by enhancing efficiency through automation and improving decision-making by utilizing advanced data analytics. However, organizations should ensure the appropriate and ethical use of AI. ISO/IEC 42001 enables organizations to implement appropriate processes and controls to ensure the responsible use and management of AI system.

As the number of organizations seeking ISO/IEC 42001 compliance increases, there is a simultaneous surge in demand for skilled auditors possessing the necessary knowledge to assess and verify compliance. Therefore, PECB has developed the ISO/IEC 42001 Lead Auditor training course to empower participants with the knowledge and skills essential for planning and conducting ISO/IEC 42001 audits based on best audit practices.

The ISO/IEC 42001 Lead Auditor training course is beneficial for professionals seeking to stay ahead of the competition. This training course equips you with the expertise needed to navigate the intricate realm of AI-influenced organizational frameworks, ensuring you are well-prepared to contribute to the success of organizations in this transformative era.

After finishing the training course, you will be eligible to take the exam. After passing the exam, you will be able to apply for the "PECB Certified ISO/IEC 42001 Lead Auditor" credential. This certification proves your professional expertise in auditing organizations against ISO/IEC 42001 based on best auditing practices.

Who should attend?

- ✓ Individuals with a background in auditing, whether internal or external, seeking to specialize in auditing AI management system
- ✓ Managers or consultants seeking to master the AI management system audit process
- ✓ Individuals responsible for maintaining conformity with the AI management system requirements in an organization
- ✓ Expert advisors in AI management
- ✓ Professionals involved in analyzing and understanding business requirements for AI implementation
- ✓ Individuals involved in the development and implementation of AI solutions and in designing the architecture of AI systems



Training Course Structure

Section 1

- Training course objectives and structure

Section 2

- Introduction to ISO/IEC 42001 and management systems

Section 3

- Certification process

Section 4

- Fundamental concepts and principles of artificial intelligence

Section 5

- Overview of ISO/IEC 42001 requirements

Section 6

- Fundamental audit concepts and principles

Section 7

- The impact of other technologies in auditing

Section 8

- Evidence-based auditing

Section 9

- Risk-based auditing

Section 10

- Initiation of the audit process

Section 11

- Stage 1 Audit

Section 12

- Preparing for stage 2 audit

Section 13

- Stage 2 audit

Section 14

- Communication during the audit

Section 15

- Audit procedures

Section 16

- Creating audit test plans

Section 17

- Auditing the requirements of ISO/IEC 42001 – Clauses 4 to 10

Section 18

- Auditing the requirements of ISO/IEC 42001 – Annex A Controls

Section 19

- Drafting audit findings and nonconformity reports

Section 20

- Closing of the audit

Section 21

- Evaluation of action plans by the auditor

Section 22

- Beyond the initial audit

Section 23

- Managing an internal audit program

Section 24

- Closing of the training course

Learning Objectives

- ✓ Explain the fundamental concepts and principles of an AI management system based on ISO/IEC 42001
- ✓ Interpret the ISO/IEC 42001 requirements for an AI management system from the perspective of an auditor
- ✓ Evaluate the AI management system conformity to ISO/IEC 42001 requirements in accordance with the fundamental audit concepts and principles
- ✓ Plan, conduct, and close an ISO/IEC 42001 compliance audit, in accordance with ISO/IEC 17021-1 requirements, ISO 19011 guidelines, and other best practices of auditing
- ✓ Manage an ISO/IEC 42001 audit program



Examination

The "PECB Certified ISO/IEC 42001 Lead Auditor" 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 AI management system

Domain 2: AI management system requirements

Domain 3: Fundamental audit concepts and principles

Domain 4: Preparing an ISO/IEC 42001 audit

Domain 5: Conducting an ISO/IEC 42001 audit

Domain 6: Closing an ISO/IEC 42001 audit

Domain 7: Managing an ISO/IEC 42001 audit program

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 Auditor	PECB Certified ISO/IEC 42001 Lead Auditor exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 42001 Auditor		Two years: One year of work experience in AI	Project activities: a total of 200 hours	
PECB Certified ISO/IEC 42001 Lead Auditor		Five years: Two years of work experience in AI	Project activities: a total of 300 hours	
PECB Certified ISO/IEC 42001 Senior Lead Auditor		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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