ISO/IEC 42001 Foundation eLearning Training Course



Learn the basic elements to implement and manage an Artificial Intelligence Management System (AIMS) based on ISO/IEC 42001.

CACE
CENTER FOR AI & CYBER EXCELLENCE

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 demands 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.

ISO/IEC 42001 Foundation training allows you to learn the basic elements to implement and manage an Artificial Intelligence Management System as specified in ISO/IEC 42001. You will be able to understand the different modules of AIMS, including context understanding, policy establishment, risk management planning, support, operation, performance evaluation, emphasizing the importance of internal audits, management reviews, and continual improvement.







GRAEME PARKER



JORGE CARRILLO

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 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 Foundation eLearning experience look like?

Our ISO/IEC 42001 Foundation eLearning training course is delivered on MyPECB 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 MyPECB
- ✓ Enter the exam at your most convenient date, time, and location via PECB Examsand 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?

Attending the ISO/IEC 42001 Foundation training course is an important step for professionals seeking to enhance their understanding of AIMSs. This course covers the essential aspects of ISO/IEC 42001, including context understanding, policy establishment, risk management planning, support, operation, performance evaluation, emphasizing the importance of internal audits, management reviews, and continual improvement.

By completing this training course, you will gain valuable insights and be prepared for the certificate exam. The "PECB Certificate Holder in ISO/IEC 42001 Foundation" certificate demonstrates a thorough understanding of the fundamental methodologies, requirements, and managerial approaches essential for an effective AIMS. This credential demonstrates that you possess the professional capabilities to contribute to the enhancement of AI governance and ensure compliance, making it an invaluable addition to your professional qualifications.

Who should attend?

- ✓ Professionals seeking to gain a fundamental understanding of the requirements of ISO/IEC 42001
- ✓ Managers and consultants seeking to learn more about artificial intelligence management
- ✓ Individuals involved in the management or implementation of AI systems
- ✓ Individuals tasked with overseeing AI-related projects



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

- ✓ The organization and its context

Section 6

- ✓ Leadership

Section 7

- ✓ Planning

Section 8

- ✓ Support

Section 9

- ✓ Operation

Section 10

- ✓ Performance evaluation

Section 11

- ✓ Improvement

Section 12

- ✓ AI control

Section 13

- ✓ Closing of the training course



Learning Objectives

- ✓ Explain the fundamental concepts and principles of artificial intelligence management
- ✓ Describe the main requirements of ISO/IEC 42001 for an artificial intelligence management system (AIMS)
- ✓ Identify approaches, methods, and techniques used for implementing, managing, and improving an AIMS



Examination

The "PECB ISO/IEC 42001 Foundation" exam meets the requirements of the PECB Examination and Certification Program (ECP). It covers the following competency domains:

Domain 1: Introduction to artificial intelligence management system (AIMS) and ISO/IEC 42001

Domain 2: Artificial intelligence management system (AIMS) and certificate exam

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 Certificate Holder in ISO/IEC 42001 Foundation	PECB ISO/IEC 42001 Foundation	None	None	Signing the PECB Code of Ethics

General information

- ✓ Certification fees are included in the exam price
- ✓ Participants will be provided with the training course material containing over 200 pages of explanatory information, examples, best practices, exercises, and quizzes.
- ✓ An attendance record worth 14 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- ✓ In case candidates fail the exam, they can retake it within 12 months following the initial attempt for free.

***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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