

ISO/IEC 42001 Artificial Intelligence Management System Lead Implementer, PECB Certification

Hands-on course of 5 days - 35h

Ref.: IMI - Price 2025: CHF4 420 (excl. taxes)

This course will equip you with the skills required to plan, implement, manage, monitor, maintain, and continuously improve an Artificial Intelligence Management System (AIMS).

EDUCATIONAL OBJECTIVES

At the end of the training, the trainee will be able to:

Explain the key concepts and fundamental principles of an AIMS in accordance with ISO/IEC 42001

Interpret the ISO/IEC 42001 requirements applicable to an AIMS from an Implementer's perspective

Initiate and plan the implementation of an AIMS in accordance with ISO/IEC 42001

Support an organization in operating, maintaining, and continually improving an AIMS

Prepare an organization for a third-party certification audit

THE PROGRAMME

last updated: 02/2025

1) Introduction to the ISO/IEC 42001 Standard and Initiating an AIMS Implementation

- Objectives and structure of the training
- Standards and regulatory frameworks
- Artificial Intelligence Management System (AIMS)
- Fundamental AI concepts and principles
- Approaches to AIMS implementation
- Leadership and project approval
- Roles and responsibilities

2) AIMS Implementation Plan

- The organization and its context
- Defining the AIMS scope
- Analyzing the existing system
- AI policy
- AI risk management
- Statement of applicability

3) Implementing an AIMS

- Selecting and designing controls
- Implementing controls
- Managing documented information
- Communication
- Competence and awareness
- Managing AI operations

4) Monitoring, Continuous Improvement, and Preparing for the AIMS Certification Audit

- Monitoring, measurement, analysis, and evaluation

PARTICIPANTS

Professionals responsible for overseeing and managing AI projects

PREREQUISITES

General knowledge of AI Management Systems and ISO/IEC 42001 is recommended.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosseil, Disability Manager, at psh-accueil@ORSYS.fr to review your request and its feasibility.

- Internal audit
- Management review
- Handling nonconformities
- Continuous improvement
- Preparing for the certification audit

5) Competency Domains Covered by the Exam

- Domain 1: Principles and fundamental concepts of an Artificial Intelligence Management System (AIMS)
- Domain 2: Requirements for an Artificial Intelligence Management System
- Domain 3: Planning the implementation of an AIMS in accordance with ISO/IEC 42001
- Domain 4: Implementing an AIMS in accordance with ISO/IEC 42001
- Domain 5: Monitoring and measuring an AIMS in accordance with ISO/IEC 42001
- Domain 6: Continuous improvement and preparing for an AIMS certification audit

DATES

Contact us