BOOST
THE LEADING TRAINING PROVIDER

Internationally Certified Training Programs

PECB Certified ISO/IEC 42001 Lead Implementer

Course Introduction

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 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.

Target Audience

This training course is intended for:

- 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

Learning Objectives

Upon successfully completing the training course, you will be able to:

- 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

Course Outline

- **01 Day One**

  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

- **02 Day Two**

  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

- **03 Day Three**

  Implementation of an AIMS:

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

- **04 Day Four**

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

• **05 Day Five**

Certification Exam

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 30, 2025	July 4, 2025	5 days	4250.00 $	UAE - Dubai
Aug. 25, 2025	Aug. 29, 2025	5 days	4250.00 $	UAE - Abu Dhabi
Nov. 24, 2025	Nov. 28, 2025	5 days	4950.00 $	England - London