BOOST
THE LEADING TRAINING PROVIDER

Internationally Certified Training Programs

PECB Certified ISO/IEC 42001 Lead Auditor

Course Introduction

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 systems.

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.

Target Audience

This training course is intended for:

- 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

Learning Objectives

After completing this training course, you will be able to:

- 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

Course Outline

- **01 Day One**

  Introduction to the artificial intelligence management system and ISO/IEC 42001

- **02 Day Two**

  Audit principles and the preparation for and initiation of an audit

- **03 Day Three**

On-site audit activities

• **04 Day Four**

Closing of the audit

• **05 Day Five**

Certification exam

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 30, 2025	July 4, 2025	5 days	4250.00 $	UAE - Dubai
Sept. 21, 2025	Sept. 25, 2025	5 days	4250.00 $	KSA - Riyadh
Nov. 3, 2025	Nov. 7, 2025	5 days	4250.00 $	UAE - Abu Dhabi