TRECCERT

ISO/IEC 42001 Lead Implementer

Training Course



TRECCERT AI Management System ISO/IEC 42001 Lead Implementer is an expert-level course developed to equip trainees with a practical understanding of the AIMS implementation approach based on the requirements of the ISO/IEC 42001 standard. The training course provides a comprehensive overview of the AIMS implementation based on the Plan-Do-Check-Act model and related concepts, processes, methods, and techniques.

TARGET AUDIENCE

The ISO/IEC 42001 Lead Implementer training course is developed for professionals who are involved in AI management, including:

- Head of Compliance or Risk
- AI Governance Analyst, Consultant, Manager
- IT Manager, Compliance Officer, Risk Manager

LEARNING OBJECTIVES

- Know and understand artificial intelligence management fundamental concepts, standards, best practices and laws/regulations.
- Know and understand ISO/IEC 42001 requirements, and describe their function and operation.
- Know, understand and be able to define a framework for implementing a AI Management System (AIMS) within an organization.
- Know, understand and be able to interpret ISO/IEC 42001 controls and implement the AIMS based on the defined framework.
- Know, understand and be able to support the implementation team to continually improve the implemented management system.

COURSE MATERIAL FACTSHEET

Training Slides
500

Quiz Questions
50

Exercises
5

COURSE OUTLINE

1. Introduction to AIMS

- Introduction to AI
- AI Management System Overview
- AI Governance Frameworks and Best Practices

2. ISO/IEC 42001 Requirements

- Context of the Organization
- Leadership
- Planning
- Support
- Operation
- Performance Evaluation
- Improvement

3. AI Controls

- Policies Related to AI
- Internal Organization
- Resources for AI Systems
- Assessing Impacts of AI systems
- AI System Life Cycle
- Data for AI Systems
- Information for Interested Parties of AI Systems
- Use of AI Systems
- Third Party Relationships

4. AIMS Initiation

- Develop the Project Charter
- Ensure Management Commitment
- Identify the Interested Parties
- Conduct a Gap Analysis
- Prepare the PDCA Cycle

5. Establishment Phase

- Establish the Context of the Organization
- Define the AIMS Scope
- Establish the Objectives, Processes, and Procedures
- Establish the AIMS Policy
- Define the Risk Assessment Approach
- Create the AIMS Implementation Plan
- Management Authorization to Implement and Operate the AIMS

6. Implementation and Operation Phase

- AI Risk Management
- Implement the AI Management Policies and Procedures
- Manage AIMS Operations
- Awareness and Training
- Resource Management and Documented Information

7. Monitor and Review Phase

- Monitor the AIMS
- Conduct Internal Audits
- Review the AIMS

8. Maintenance and Improvement Phase

- Implement the Identified Improvements
- Corrective and Preventive Actions
- Communicate the Actions and Improvements
- Ensure Continual Improvement of AIMS

EXAMINATION DETAILS

Nr. of questions
150

Type of exam
Multiple choice

Duration
180 minutes

Location
Online

COURSE DETAILS



Duration
40 Hours



Language
English, German, Spanish



Credits
40



Training mode
Classroom and Online

PATH TO RECOGNITION

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