TRECCERT

ISO/IEC 42001 Lead Auditor

Training Course



TRECCERT ISO/IEC 42001 Lead Auditor is an expert-level course developed to equip trainees with a practical understanding of the Artificial Intelligence Management System (AIMS) audit approach based on the requirements of the ISO/IEC 42001 and ISO 19011 standards. The training course provides a comprehensive overview of the AIMS audit following the ISO 19011 guidelines for MS auditing and related concepts, processes, methods and techniques.

TARGET AUDIENCE

The ISO/IEC 42001 Lead Auditor training course is developed for professionals responsible for the audit and maintenance of the AIMS, for example: Information Security Specialists, Cybersecurity Specialists, Compliance Officers, External and/or Internal Auditors, Security Analysts

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 and understand ISO/IEC 42001 – Annex A controls, and describe their purposes and auditing methods.
- Know, understand and be able to participate in AIMS auditing projects and related activities.
- Know, understand and be able to audit AIMS projects and related activities.

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 Regulations

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. Introduction to Audit

- MS Audit and Audit Types
- Audit Principles
- Auditor Competence and Evaluation
- Code of Ethics and Conflict of Interest

5. Managing an Audit Programme

- Creating an Audit Programme
- Establishing Audit Programme
- Audit Programme Implementation
- Audit Programme Monitoring and Reviewing

6. Conducting the AIMS Audit

- Initiation of Audit
- Audit Planning
- Audit Execution
- Audit Report
- Follow-up Audit

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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