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
Five (5) days

Language
English

Credits
40

Training mode
Classroom and online