

# 1-DAY ONLINE ISO/IEC 42001 PRACTICAL AI MANAGEMENT SYSTEMS

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Duration: 8h

Role: Managers, Compliance Professionals, AI Leaders, Engineers

Languages: English

Class size: Up to 20 participants

Prerequisites: No prior ISO/IEC 42001 experience required. Basic familiarity with AI technologies, digital transformation or management systems is recommended.

## OVERVIEW

This one-day online course is designed for organizations seeking a practical introduction to ISO/IEC 42001 and the implementation of Artificial Intelligence Management Systems (AIMS).

The course introduces the principles of responsible AI governance and explains how organizations can establish policies, roles, processes and controls to manage AI-related risks and opportunities throughout the AI lifecycle.

Participants explore the structure of ISO/IEC 42001, including organizational context, leadership responsibilities, risk management, AI impact assessment, operational controls, monitoring and continual improvement.

Through guided exercises and practical examples, participants learn how AI governance frameworks can be integrated into existing management systems while supporting innovation, compliance and stakeholder trust.

The format is practical, business-oriented and focused on what organizations must actually do to prepare for AI governance programs, internal readiness and future certification efforts.

## WHO SHOULD ATTEND

- AI project managers and product owners
- Digital transformation leaders
- Compliance and governance professionals
- Risk management specialists
- Information security and privacy professionals
- Innovation and technology managers
- Quality and management system professionals
- Executives responsible for AI strategy and oversight
- Consultants supporting AI governance initiatives

## LEARNING OUTCOMES

- Understand the purpose, structure and requirements of ISO/IEC 42001
- Learn the principles of responsible AI governance and oversight
- Understand how AI risks and opportunities are identified and managed
- Explore AI impact assessments and stakeholder considerations
- Understand AI lifecycle controls from design through operation and monitoring
- Learn how AI governance integrates with existing management systems
- Identify documentation and evidence required for implementation
- Understand the role of leadership, accountability and organizational responsibilities
- Recognize common challenges when implementing AI governance frameworks
- Leave with a practical roadmap for ISO/IEC 42001 adoption

## AGENDA

### **Module 1: Foundations of AI Governance and ISO/IEC 42001**

**Understand why AI governance matters and how ISO 42001 fits into the broader regulatory and business landscape.**

- AI governance challenges and opportunities
- Introduction to ISO/IEC 42001
- Structure of an AI Management System (AIMS)
- Responsible AI principles
- Relationship to AI Act, ISO 27001 and ISO 9001
- Understanding organizational context and interested parties

### **Module 2: Leadership, Governance and Risk Management**

**Learn how organizations establish governance structures and manage AI-related risks.**

- Leadership responsibilities and accountability
- AI policies and objectives
- Roles, responsibilities and oversight mechanisms
- AI risk identification and assessment
- AI impact assessments
- Practical governance and risk workshop

### **Module 3: AI Lifecycle Controls and Operational Management**

**Understand how AI systems are governed throughout their lifecycle.**

- AI system lifecycle management
- Data governance and data quality
- Design, development and deployment controls
- Monitoring and performance evaluation
- Documentation and record-keeping requirements
- Managing suppliers and third-party AI services

### **Module 4: Implementation and Certification Readiness**

**Prepare participants to implement an AI Management System and pursue certification.**

- Building an ISO 42001 implementation roadmap
- Internal audits and management reviews
- Corrective actions and continual improvement
- Certification process overview
- Common implementation challenges
- Action planning and next steps