ISO/IEC 42001 AI Management System | Auditor & Implementer Training Course

30 Mar - 03 Apr 2026
Manama

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ISO/IEC 42001 AI Management System | Auditor & Implementer Training Course

Ref.: 103600323_47515 **Date:** 30 Mar - 03 Apr 2026 **Location:** Manama **Fees:** 4700 **Euro**

Course Overview:

Artificial intelligence is transforming industries, yet its governance, compliance, and risk management require a structured approach. This ISO/IEC 42001 AI Management System | Auditor & Implementer Training Course is designed to equip professionals with the skills to implement, audit, and certify AI management systems in accordance with ISO/IEC 42001.

Participants will learn AI governance best practices, compliance requirements, risk management strategies, and certification guidelines for ensuring responsible AI use. This course provides a comprehensive training experience that aligns with industry standards, covering both AI management system implementation and auditing processes.

Whether you're an AI auditor, compliance professional, risk manager, consultant, or project leader, this course helps you navigate ISO/IEC 42001 certification, internal audit practices, AI risk assessment, and AI security frameworks. Through interactive case studies, discussions, and expert-led instruction, you will gain hands-on knowledge to implement and audit AI compliance frameworks across organizations.

Target Audience:

- AI compliance officers and regulatory professionals
- AI auditors and internal audit teams
- IT risk managers and security analysts
- AI project managers and consultants
- Data governance and ethics professionals
- Senior executives responsible for AI strategy

Targeted Organizational Departments:

- AI governance, risk, and compliance
- IT security and AI risk management
- Internal audit and quality assurance teams
- AI project implementation and development
- Legal and regulatory affairs regarding AI compliance
- Corporate ethics and AI security management

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Targeted Industries:

- Financial services and banking
- Healthcare and pharmaceuticals
- Technology and software development
- Government and defense
- Manufacturing and automation
- Retail and e-commerce

Course Offerings:

By the end of this course, participants will be able to:

- Understand ISO/IEC 42001 certification requirements and compliance frameworks
- Conduct AI risk assessment training and implement mitigation strategies
- Lead ISO 42001 AI compliance audits with best practices
- Develop and implement AI management system best practices
- Ensure AI ethics and compliance through governance frameworks
- Establish AI regulatory compliance policies and internal audits
- Prepare organizations for ISO/IEC 42001 certification audits

Training Methodology:

This course follows an interactive, hands-on learning approach, incorporating:

- Real-world case studies of AI compliance and risk management
- Scenario-based learning for AI security and auditing
- Exercises on AI lifecycle management and governance
- Live Q&A sessions with AI risk management experts
- Workshops on ISO/IEC 42001 audit preparation and certification compliance
- Feedback and review sessions for deeper AI compliance understanding

Course Toolbox:

Participants will receive:

- A structured ISO/IEC 42001 implementation guide
- Templates for AI compliance audits and governance frameworks
- Case study materials for AI security management training
- Checklists for ISO/IEC 42001 audit preparation
- 2 Certifications from Agile Leaders & PECB

Course Agenda:

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Day 1: Introduction to AI Management Systems and ISO/IEC 42001

- **Topic 1:** Understanding Artificial Intelligence Management System AIMS
- **Topic 2:** Fundamental Concepts and Principles of ISO/IEC 42001
- **Topic 3:** AI Governance, Compliance, and Risk Management Frameworks
- **Topic 4:** Regulatory Requirements and Standards for AI Compliance
- **Topic 5:** Key Components of an Effective AI Management System
- **Topic 6:** The Role of AI Ethics and Compliance in Governance
- **Reflection & Review:** Summary of Key Learnings and Q&A Session

Day 2: ISO/IEC 42001 AI Management System Implementation Approach

- **Topic 1:** Initiating an AI Management System Implementation Plan
- **Topic 2:** Organizational Context and AI Policy Development
- **Topic 3:** AI Risk Management Strategies and Risk Assessment
- **Topic 4:** Defining the Scope and Objectives of AIMS
- **Topic 5:** Selection and Implementation of AI Security Controls
- **Topic 6:** Documentation and Information Management for AI Compliance
- **Reflection & Review:** Case Study Analysis and Group Discussion

Day 3: Conducting AI Compliance Audits and Internal Assessments

- **Topic 1:** Audit Principles and AI Compliance Assessment Methods
- **Topic 2:** Preparing for an ISO/IEC 42001 AI Compliance Audit
- **Topic 3:** Conducting On-Site AI Audits and Evidence Collection
- **Topic 4:** Identifying Nonconformities and Compliance Gaps
- **Topic 5:** Internal Audit Reporting and Documentation Requirements
- **Topic 6:** Audit Follow-Up and Corrective Action Planning
- **Reflection & Review:** Best Practices in AI Compliance Auditing

Day 4: AI Governance, Certification, and Continuous Improvement

- **Topic 1:** AI Lifecycle Management and Continuous Monitoring
- **Topic 2:** AI System Governance Certification and Best Practices
- **Topic 3:** AI Ethics, Accountability, and Transparency Frameworks
- **Topic 4:** ISO/IEC 42001 Certification Process and Requirements
- **Topic 5:** Third-Party Audit and Compliance Evaluation
- **Topic 6:** AI Governance Challenges and Future Regulatory Trends
- **Reflection & Review:** Key Takeaways and Interactive Q&A Session

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Day 5: Final Preparations, Case Studies, and Certification

- **Topic 1:** Mock Audit Exercise for AI Management System Compliance
- **Topic 2:** AI Compliance Framework in Different Industry Applications
- **Topic 3:** AI Implementation and Risk Mitigation Case Studies
- **Topic 4:** Preparing for the ISO/IEC 42001 Lead Auditor and Implementer Exam
- **Topic 5:** AI Certification Best Practices and Common Challenges
- **Topic 6:** Final Q&A and Expert Insights on AI Compliance
- **Reflection & Review:** Recap of Key Learnings and certification process overview

FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

No prior certification is required, but familiarity with AI systems, risk management, or compliance is beneficial.

How long is each day's session, and is there a total number of hours required for the entire course?

Each session lasts 4-5 hours daily, totaling 20-25 hours over five days.

What are the key challenges in implementing ISO/IEC 42001 compliance in AI systems?

Some challenges include understanding AI governance structures, ensuring compliance with ethical standards, managing AI risks, and aligning AI security policies with international regulations. This course addresses these challenges through hands-on strategies and real-world case studies.

How This Course is Different from Other ISO/IEC 42001 AI Management System Courses:

Unlike generic AI compliance courses, this ISO/IEC 42001 AI Management System training provides a practical approach to AI compliance, auditing, and governance. It integrates real-world scenarios, hands-on exercises, and compliance tools tailored to organizations seeking ISO certification. With expert-led training, interactive discussions, and a structured methodology, participants gain the skills needed to implement and audit AI management systems efficiently.

This course ensures that professionals are not only prepared for certification but also equipped with the knowledge to lead AI compliance initiatives effectively.

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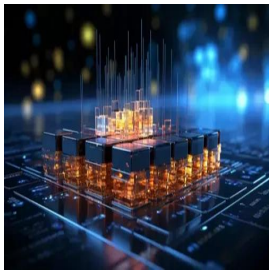
Training Course Categories

Finance and Accounting Training Courses

Agile PM and Project Management Training Courses

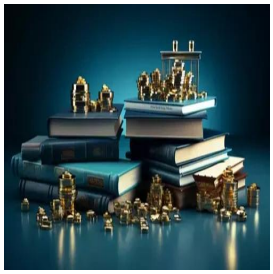
Certified Courses By International Bodies

Communication and Public Relations Training Courses



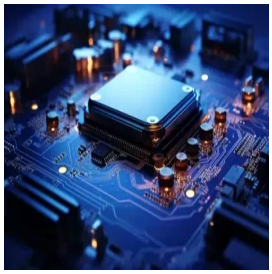
Data Analytics Training and Data Science Courses

Environment & Sustainability Training Courses



Governance, Risk and Compliance Training Courses

Human Resources Training and Development Courses



IT Security Training & IT Training Courses

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Legal Training, Procurement and Contracting Courses

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Training Course Categories

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WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

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