



دورة المدمق والمطبق لنظام إدارة الذكاء الاصطناعي ISO 42001



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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

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:



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

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

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

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

Day 3: Conducting AI Compliance Audits and Internal Assessments

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

Day 4: AI Governance, Certification, and Continuous Improvement

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

Day 5: Final Preparations, Case Studies, and Certification

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

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.



فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



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دورات الصيانة ودورات المجالات الهندسية المتنوعة



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دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



فئات الدورات التدريبية



دورات معتمدة بشهادة CPD



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع
الرشيقية



دورات معتمدة من قبل هيئات دولية

مدن التدريب



اسطنبول - تركيا



أمستردام - هولندا



أنقرة - تركيا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلاند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

مدن التدريب



جاكرتا - جمهورية اندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



برشلونة - اسبانيا



روما - ايطاليا



دبي - الامارات العربية المتحدة



جوهانسبرغ - جنوب افريقيا



جنيف - سويسرا



شرم الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة
الامريكية



زنجار - تنزانيا



طوكيو - اليابان



طشقند - اوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة
الامريكية

مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

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.



AGILE LEADERS
Training Center

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