



# ISO 42001 FOUNDATION TRAINING

As per International Standards



# About ISO 42001 Foundation

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## What is the ISO 42001 Standard?

ISO/IEC 42001 is the world's first international standard dedicated to **Artificial Intelligence Management Systems (AIMS)**. Released in late 2023, it provides a structured framework for organizations to develop, provide, or use AI systems responsibly, ethically, and effectively.



As AI technologies advance rapidly, this standard helps companies balance cutting-edge innovation with rigorous risk management, ensuring that AI deployment is transparent, accountable, and safe. It integrates AI governance directly into a company's existing corporate structure, addressing the unique complexities of AI, such as:

**Algorithmic Bias & Fairness:** Actively monitoring and mitigating bias in data sets and machine learning models to prevent discriminatory outcomes.

**Transparency & Explain ability:** Ensuring that AI-driven decisions (especially in critical sectors like HR, finance, or healthcare) can be understood, traced, and explained to stakeholders.

# About ISO 42001 Foundation

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**Data Quality & Privacy:** Securing the massive amounts of data used to train and run AI models while maintaining strict compliance with privacy frameworks.

**Continuous Safety:** Managing the unpredictable or evolving behaviour of generative AI and automated systems over their entire lifecycle.

## Key Structure and Annex A Controls

ISO 42001 uses the standard High-Level Structure (HLS) common to all modern ISO standards, making it highly compatible with existing frameworks like ISO 27001 (Security) and ISO 9001 (Quality). It relies on the continuous improvement cycle (**Plan-Do-Check-Act**) and features a specialized **Annex A** containing controls tailored specifically to AI governance.

- Policies regarding responsible AI use.
- Governance frameworks for AI system development and acquisition.
- Impact assessments for AI systems (assessing societal, ethical, and operational risks).
- Data management protocols for machine learning training data.

# Importance of ISO 42001 Foundation Certification

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## Commercial and Business Importance

From a corporate point of view, ISO 42001 is quickly becoming a critical business differentiator:

- ✓ **Building Brand Trust:** Demonstrates to customers, investors, and partners that the organization uses AI responsibly and ethically, minimizing the risk of reputation-damaging AI failures.
- ✓ **Regulatory Compliance:** Helps businesses smoothly align with emerging global AI legislation, such as the European Union AI Act, avoiding massive regulatory non-compliance fines.
- ✓ **Market Advantage:** Much like cybersecurity standards, having a certified AIMS gives companies a massive competitive edge in enterprise B2B sales and government tenders where AI risk assessment is mandatory.
- ✓ **Operational Efficiency:** Provides clear internal guidelines for developers and prompt engineers, streamlining the internal AI product development lifecycle and reducing wasted resources on non-compliant tools.

# WHO SHOULD ATTEND

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- ✓ Managers, technical experts, IT team members, and any professional who wants to broaden their knowledge of the standard can take up the **ISO 42001 Foundation Certification Training**.

## ELIGIBILITY CRITERIA

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- ✓ There are no prerequisites for attending **ISO 42001 Foundation Training Course**. Any professional willing to pursue a career in **Artificial Intelligence Management System (AIMS)** can take up **ISO 42001 Foundation Certification**.

## Format of ISO 42001 Foundation Exam

ISO 42001 Foundation Exam Format	
Exam Name	ISO 42001 Foundation Certification
Exam Format	Multiple Choice-Online
Total Questions	30 Questions
Passing Score	Minimum passing score of 75%
Exam Duration	60 Minutes

Ensure exam success with expert-led problem-solving and realistic mock tests integrated into every training.

# ISO 42001 Foundation Certification Advantages

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1 Day  
Training



Detailed  
Course Design



Practice Mock  
Tests



Case Study  
By Experts



Experienced  
Trainers



Weekday/Weekend  
Schedule



Completion  
Certificate



Globally Accepted  
Certificate



High Employability  
Chances

# Syllabus of ISO 42001 Foundation Certification Training

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## Module 1: Introduction, Definition and Fundamentals

- Introduction to ISO/IEC 42001 and Management Systems
- Evolution of AI Management Systems
- Importance of ISO/IEC 42001 in Global Standards
- Comparisons with Other Management System Standards

## Module 2: Certification Process

- Overview of ISO/IEC 42001 Certification
- Steps to Achieve Certification
- Role of Conformity Assessment Bodies

## Module 3: Fundamental Concepts and Principles of Artificial Intelligence

- Basic AI Concepts and Terminologies
- Ethical Considerations and Responsible AI Use
- AI Lifecycle Management

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## Module 4: Overview of ISO/IEC 42001 Requirements

- Detailed Breakdown of the Standard's Clauses
- Requirements for AI System Management
- Integration with Organisational Processes

## Module 5: Fundamental Audit Concepts and Principles

- Principles of Effective Auditing
- Audit Methodology and Frameworks
- Importance of Evidence-Based Auditing

## Module 6: Impact of Other Technologies in Auditing

- How Technologies Like Blockchain and IoT Influence AI Audits?
- Security Challenges in AI Auditing
- Future Trends in Technology and Auditing

# About On Demand Skillz (ODS)

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On Demand Skillz is a professional training & certification provider educating across 100+ countries. We assist professionals and students to acquire necessary skills and get identified by top/large enterprises through globally recognized credentials. Our certification courses are designed to offer state of the art training sessions/courses in multiple domains.

We conduct global-level training sessions in ISO, GDPR, Cyber Security, Project Management, Cloud Computing, IT Governance, DevOps, IT Software, and information security.



Trusted by Professionals Worldwide



Join a Growing Network of Certified Experts

**Learn Today. Lead Tomorrow.**

## Our Mission

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To empower individuals and businesses globally through innovative, high-impact professional training that advances careers and builds future-proof skills with integrity.

## Our Vision

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To be the global leader in transformative learning, empowering every individual and organization to thrive in the future of work.

# Training Services Offering

On Demand Skillz is preferred over traditional training providers because of our agility, cost-effectiveness, and personalized learning approach.

We provide quick access to certified trainers, flexible training formats, and tailored programs designed to meet specific business and career needs.

**Ideal for everyone, Whether you're a**

- **Working professional** looking to upskill and move ahead in your career,
- **Job seeker's** aiming to boost your employability with the right credentials, or
- **Organization** seeking to enhance your workforce's capabilities and productivity,
- **Students** looking to enhance your career and land your dream job
- **Resuming career** after a career break to resume your career journey.

On Demand Skillz is your trusted partner in skill development and professional growth.

**Live  
Interactive  
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**Fully Remote  
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**Digital  
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Library**

**Certification  
Focus**



# Your One-Stop Upskill Solution

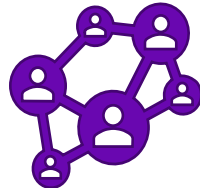
We've offer world class courses and certification training services on various topics including:



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Business Skills



Business  
Improvement



Project  
Management



Microsoft  
Technical



Data Analytics  
& AI



Health  
& Safety



IT Infrastructure  
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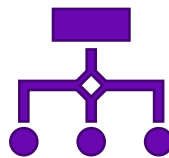
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& Data Protection



IT Service  
Management



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& Management



Advanced  
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& DevOps



Business  
Analysis



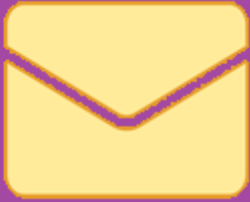
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