

ISO/IEC 42001 Lead Auditor Course

Course Duration: 40 Hrs.

Course Code: ISO42001-LA

Course Overview

The ISO/IEC 42001 Lead Auditor Course is designed to provide participants with the knowledge and expertise required to plan, conduct, and manage audits of an Artificial Intelligence Management System (AIMS) based on ISO/IEC 42001 requirements and ISO 19011 guidelines. This course equips professionals with auditing skills to ensure AI systems are governed responsibly, ethically, and in compliance with international standards, while fostering transparency and trust in AI adoption.

What you'll learn?

Participants will learn how to interpret ISO/IEC 42001 requirements in the context of an audit, apply audit principles and techniques, plan and execute AIMS audits, and report findings effectively. They will gain expertise in identifying nonconformities, recommending corrective actions, and leading audit teams. The course also provides practical insights into auditing AI governance, ethics, and risk management processes, ensuring organizations achieve compliance and continual improvement.

Target Audience

This course is intended for AI professionals, auditors, compliance managers, risk managers, consultants, IT managers, and governance specialists responsible for assessing AI systems and management frameworks. It is also suitable for professionals seeking to become certified ISO/IEC 42001 Lead Auditors and those aiming to strengthen their expertise in AI governance and auditing practices.

Pre-Requisites

Participants are recommended to have a basic understanding of artificial intelligence, ISO management system standards, or prior auditing experience. Completion of a foundation-level ISO/IEC 42001 or auditing course is beneficial but not mandatory.

Course Content

Module 1: Introduction to ISO/IEC 42001 and AI governance fundamentals

Module 2: Auditing principles, ISO 19011 guidelines, and AIMS framework

Module 3: Planning and preparing for AIMS audits

Module 4: Conducting internal and external audits of AI systems

Module 5: Managing and leading audit teams effectively

Module 6: Identifying nonconformities, reporting, and corrective actions

Module 7: Ethical considerations and risk management in AI audits

Module 8: Preparing for certification audits and ensuring compliance with ISO/IEC 42001