



ISO 27001:2013 Information Security Management System Lead Implementer

Course Introduction:

ISO 27001:2013 is the globally recognized standard for establishing, implementing, maintaining, and continually improving an Information Security Management System (ISMS). Organizations across industries adopt this framework to safeguard their information assets, mitigate security risks, and comply with legal, regulatory, and contractual requirements. This five-day training program provides a comprehensive theoretical foundation for professionals responsible for implementing and managing an ISO 27001:2013-compliant ISMS.

The course covers the core principles of ISO 27001, including risk management, security controls, documentation, and compliance requirements. Participants will gain in-depth knowledge of the ISMS lifecycle, best practices for implementation, and how to align security policies with business objectives. By the end of this training, attendees will be well-prepared to lead ISO 27001 implementation efforts within their organizations, ensuring a structured and effective approach to information security management.

Course Objectives:

Upon completion of this course, participants will:

- Understand the fundamental principles and structure of ISO 27001:2013.
- Learn how to establish, implement, and maintain an ISMS based on ISO 27001.
- Identify and assess information security risks using ISO 27005 methodologies.
- Gain insights into Annex A security controls and their application.
- Understand documentation, policies, and procedures required for ISMS implementation.
- Explore the legal, regulatory, and contractual requirements of information security.
- Learn how to conduct internal audits and management reviews for ISMS.
- Develop strategies for continuous improvement and certification readiness.

Who Should Attend?

This course is designed for professionals and individuals such as IT security and cybersecurity professionals, Compliance officers and risk managers, IT managers and ISMS implementation teams, Internal and external auditors for ISO 27001, Information security consultants, Data protection officers (DPOs), and Business continuity and governance professionals.

Course Outline:

Day 1: Fundamentals of ISO 27001:2013 and ISMS

- Overview of ISO 27001 and its importance in information security
- Understanding the ISMS framework and the PDCA (Plan-Do-Check-Act) cycle
- Key ISO 27001 clauses and their significance
- The role of leadership in ISMS implementation

Day 2: Risk Assessment and Security Controls

- Introduction to risk management in ISO 27001 (ISO 27005 overview)
- Identifying and assessing information security risks
- Understanding Annex A security controls and their relevance
- Developing risk treatment plans and risk mitigation strategies

Day 3: ISMS Documentation and Compliance Requirements

- Key ISMS documents: policies, procedures, and records
- Statement of Applicability (SoA) and its role in ISO 27001 compliance
- Legal, regulatory, and contractual considerations for ISMS
- Aligning ISMS implementation with business objectives

Day 4: ISMS Auditing, Monitoring, and Continual Improvement

- Internal audit requirements and best practices
- Conducting management reviews and corrective actions
- Measuring ISMS effectiveness and performance indicators
- Common challenges in ISMS implementation and how to address them

Day 5: Certification Readiness and Future Trends in ISMS

- Steps to prepare for ISO 27001 certification
- Understanding the certification process and audit expectations
- Emerging trends in information security and ISO 27001 updates
- Course review, Q&A, and discussion on ISMS best practices

Course Methodology:

A variety of methodologies will be used during the course that including:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts

- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Fees:

To be advised as per course location. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session