

# INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) BASED ON ISO/IEC 27001

“Establishing, Implementing, and Managing a Robust Information Security Framework”

## Schedule

Date	Venue	Fees (Face-to-Face)
17 - 21 May 2026	Doha, Qatar	USD 3495 per delegate

► Available delivery methods: Face-to-Face & Online Training

## Introduction

In an increasingly digital and interconnected world, safeguarding information assets has become a business-critical priority. ISO/IEC 27001 provides an internationally recognized framework for implementing an Information Security Management System (ISMS), helping organizations protect data, manage risk, and ensure compliance with regulatory requirements.

This intensive 5-day course equips participants with the knowledge and skills to design, implement, monitor, and continually improve an ISMS based on ISO/IEC 27001. Participants will gain a practical understanding of risk assessment, security controls, governance, and audit preparation aligned with the standard.

## Objectives

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

- Understand the structure and requirements of ISO/IEC 27001:2022
- Conduct information security risk assessments and develop mitigation plans
- Define, implement, and manage information security policies and controls
- Monitor ISMS performance and support continuous improvement
- Prepare for internal audits and certification assessments

## Why Attend

- Gain the skills to establish and maintain a certified ISMS
- Align organizational security practices with international standards
- Reduce risk of data breaches, non-compliance, and reputational damage
- Enable secure information handling across people, processes, and technologies
- Support cross-functional coordination for cybersecurity governance

## Target Audience

This program is designed for:

- IT and cybersecurity professionals
- Compliance officers and risk managers
- ISMS managers, data protection officers, and internal auditors
- Business continuity, governance, and quality managers
- Anyone involved in implementing or maintaining ISO/IEC 27001 systems

## Individual Benefits

**Key competencies that will be developed include:**

- ISO/IEC 27001 framework and control interpretation
- Risk treatment planning and Statement of Applicability (SoA) development
- ISMS documentation, roles, and governance
- Audit readiness and corrective action tracking
- Alignment with other standards (e.g., ISO 9001, ISO 22301, GDPR)

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved control over information security risks and incidents
- Stronger alignment with regulatory and contractual requirements
- Greater resilience and business continuity assurance
- Enhanced customer trust and third-party assurance
- Efficient preparation for ISO/IEC 27001 certification or recertification

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - ISO 27001 structure, clauses, and implementation roadmap
- Case Studies - Real-world ISMS success stories and breach recovery
- Workshops - Risk assessment exercises, SoA creation, policy drafting
- Peer Exchange - Security governance challenges and cross-sector insights
- Tools - Risk register templates, audit checklists, documentation samples

## Course Outline

**Training Hours: 07:30 AM - 03:30 PM** Daily Format: 3-4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Break: 01:00 - 02:00

### Day 1: Introduction to ISO/IEC 27001 and ISMS Concepts

- Module 1: Overview of ISO/IEC 27001:2022 (07:30 - 09:30) • Purpose, principles, and Annex SL structure
- Module 2: ISMS Scope and Context of the Organization (09:45 - 11:15) • Stakeholders, boundaries, and interfaces
- Module 3: Workshop - Define ISMS Objectives and Scope (11:30 - 01:00) • Building a context-driven ISMS foundation

### Day 2: Risk Assessment and Planning for Security Controls

- Module 4: Information Security Risk Assessment Methodology (07:30 - 09:30) • Asset, threat, and vulnerability identification
- Module 5: Risk Treatment and Control Selection (09:45 - 11:15) • Planning, prioritization, and documentation
- Module 6: Workshop - Conduct a Sample ISMS Risk Assessment (11:30 - 01:00) • Risk register and control mapping

### Day 3: Control Implementation and Documentation

- Module 7: Annex A Controls and SoA Development (07:30 - 09:30) • Control categories: organizational, physical, technical
- Module 8: Policy, Procedure, and Record Keeping (09:45 - 11:15) • Documentation structure and compliance evidence
- Module 9: Workshop - Draft a Statement of Applicability (11:30 - 01:00) • Justification and exclusion management

### Day 4: Performance Monitoring and Internal Audits

- Module 10: Measuring ISMS Effectiveness (07:30 - 09:30) • Metrics, indicators, and continual improvement
- Module 11: Internal Auditing and Management Review (09:45 - 11:15) • ISO 19011-based internal audits and follow-up
- Module 12: Workshop - Prepare for an Internal ISMS Audit (11:30 - 01:00) • Checklist creation and audit planning

### Day 5: Certification and Beyond

- Module 13: Certification Readiness and External Audits (07:30 - 09:30) • Stages of certification and common findings
- Module 14: Integration with Other Management Systems (09:45 - 11:15) • ISO 27001 + ISO 9001/22301/31000 frameworks
- Module 15: Final Workshop - ISMS Improvement Roadmap (11:30 - 01:00) • Action plan for post-training implementation

## Certification

Participants will receive a Certificate of Completion in Information Security Management System (ISMS) Based on ISO/IEC 27001, affirming their competence in establishing and maintaining a compliant ISMS framework aligned with international standards.

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Interested in running this course for your team?

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