

PECB CERTIFIED ISO 27001 - INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS)

"Mastering the Implementation and Audit of ISO/IEC 27001 for Robust Information Security"

Schedule

Date	Venue	Fees (Face-to-Face)
07 - 11 Jul 2025	Dubai, UAE	USD 3495 per delegate

Introduction

Information security is critical in protecting organizational data, maintaining client trust, and complying with regulations. ISO/IEC 27001 is the internationally recognized standard for establishing, implementing, maintaining, and continuously improving an Information Security Management System (ISMS).

This certified course provides a comprehensive understanding of ISO 27001 requirements and equips participants with the knowledge and practical skills to implement, manage, and audit an ISMS. It includes real-world scenarios, risk assessment techniques, control implementation strategies, and guidance for preparing for ISO 27001 certification audits.

Objectives

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

- Understand ISO/IEC 27001 structure, clauses, and annex controls
- Plan and implement a compliant Information Security Management System (ISMS)
- Perform risk assessments and define appropriate risk treatment strategies
- Manage documentation, internal audits, and corrective actions
- Prepare for and support ISO/IEC 27001 certification audits

Why Attend

- Obtain internationally recognized ISO 27001 implementation knowledge
- Strengthen organizational information security and compliance posture
- Learn practical steps to establish and improve ISMS frameworks
- Understand audit practices and certification expectations
- Build internal capabilities for managing security risks and incidents

Target Audience

This program is designed for:

- Information Security Managers and Officers
- IT Governance and Risk Professionals
- Internal Auditors and Compliance Officers
- ISMS Implementation Team Members
- Consultants seeking ISO 27001 certification readiness

Individual Benefits

Key competencies that will be developed include:

- ISMS planning, documentation, and implementation
- Information security risk identification and control selection
- Knowledge of ISO/IEC 27001 clauses and control objectives
- Internal audit and continual improvement techniques
- Understanding of certification audit process and evidence requirements

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Capability to align security practices with ISO/IEC 27001
- Improved ability to protect information assets and respond to threats
- Effective risk treatment planning and control documentation
- Internal preparedness for external ISO 27001 certification audits
- Credibility with clients and stakeholders through formal certification

Instructional Methodology

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

- Strategy Briefings - ISO 27001 structure, implementation roadmap
- Case Studies - ISMS implementations and certification scenarios
- Workshops - Risk assessment, Statement of Applicability (SoA)
- Peer Exchange - ISMS experiences and internal audit challenges
- Tools - Risk matrices, control mapping guides, audit checklists

Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: ISO/IEC 27001 Overview and ISMS Principles

- Module 1: Introduction to ISO/IEC 27001 and ISMS Concepts (07:30 - 09:30) • Information security, CIA triad, standard history
- Module 2: Clauses 4-10 of ISO 27001 (09:45 - 11:15) • Context, leadership, planning, support, operation
- Module 3: PDCA Model and ISMS Lifecycle (11:30 - 01:00) • Plan-Do-Check-Act phases for ISMS
- Module 4: Workshop - ISMS Gap Analysis (02:00 - 03:30) • Evaluate existing security framework readiness

Day 2: Risk Assessment and Treatment Planning

- Module 5: Information Security Risk Management (07:30 - 09:30) • Asset identification, threats, vulnerabilities
- Module 6: Performing Risk Assessments (09:45 - 11:15) • Risk criteria, likelihood/impact, risk register
- Module 7: Risk Treatment and SoA Development (11:30 - 01:00) • Annex A controls, applicability matrix
- Module 8: Workshop - Drafting a Risk Treatment Plan (02:00 - 03:30) • Create SoA and treatment document

Day 3: ISMS Implementation and Documentation

- Module 9: Developing ISMS Policies and Procedures (07:30 - 09:30) • Document hierarchy, control objectives
- Module 10: Competence, Awareness, and Communication (09:45 - 11:15) • Training programs, internal messaging
- Module 11: Operational Control and Incident Management (11:30 - 01:00) • Security events, business continuity
- Module 12: Workshop - Design ISMS Documentation Structure (02:00 - 03:30) • Templates and registers

Day 4: Internal Auditing and Certification Readiness

- Module 13: ISO 27001 Internal Audit Process (07:30 - 09:30) • Audit planning, checklists, NCR handling
- Module 14: Management Review and Corrective Actions (09:45 - 11:15) • Metrics, follow-up, CAPA
- Module 15: External Certification Audit Preparation (11:30 - 01:00) • Stage 1 & 2 audits, auditor expectations
- Module 16: Workshop - Conduct a Mini Internal Audit (02:00 - 03:30) • Simulated audit interview and findings

Day 5: Continuous Improvement and Exam Preparation

- Module 17: ISMS Performance Evaluation and Monitoring (07:30 - 09:30) • KPIs, dashboards, reviews
- Module 18: Continual Improvement and Culture Building (09:45 - 11:15) • Leadership, ownership, ISMS lifecycle
- Module 19: PECB Certification Requirements and Exam Strategy (11:30 - 01:00) • Certification tracks, exam format, recertification
- Module 20: Final Workshop - Review and Q&A (02:00 - 03:30) • Clarifications, mock exam discussion

Certification

Participants will receive a PECB Certificate of Completion in ISO/IEC 27001 - Information Security Management System (ISMS), validating their readiness to implement and maintain an ISO 27001-compliant ISMS and support successful certification efforts.

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TEL:

+601116373203

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info@mawaevents.net

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