

PECB CERTIFIED ISO 27001 - INFORMATION SECURITY MGT

“Building and Auditing Robust Information Security Management Systems (ISMS)”

Schedule

Date	Venue	Fees (Face-to-Face)
01 – 05 Mar 2026	Doha, Qatar	USD 3495 per delegate

Introduction

In today’s digitally connected environment, organizations face increasing pressure to protect sensitive information, ensure business continuity, and comply with growing regulatory requirements. ISO/IEC 27001 is the globally recognized standard for establishing, implementing, maintaining, and continually improving an Information Security Management System (ISMS).

This PECB-certified 5-day course equips professionals with the knowledge and tools to implement ISO 27001 effectively, conduct internal audits, and support organizations in achieving and maintaining certification. The course combines theoretical foundations with practical exercises to ensure participants can apply ISMS principles with confidence.

Objectives

- By the end of this course, participants will be able to:
- Understand ISO/IEC 27001:2022 structure, terminology, and core requirements
 - Establish and manage a risk-based information security management system (ISMS)
 - Develop policies, controls, and risk treatment plans in alignment with ISO 27001
 - Prepare for and conduct internal ISMS audits
 - Ensure compliance and continual improvement of information security practices
 - Support their organization’s journey toward ISO 27001 certification

Why Attend

- Obtain a globally recognized ISO 27001 certification from PECB
- Gain hands-on experience in building and auditing an ISMS
- Strengthen your understanding of information security governance and risk
- Enhance your organization's cybersecurity posture and resilience
- Advance your career in IT governance, security, or audit functions

Target Audience

This program is designed for:

- Information security managers and officers
- IT professionals and system administrators
- Risk and compliance managers
- Internal and external auditors
- Consultants involved in ISMS implementation or auditing
- Anyone seeking to become ISO 27001 certified

Individual Benefits

Key competencies that will be developed include:

- ISMS design, implementation, and maintenance skills
- Knowledge of ISO 27001 clauses and Annex A controls
- Risk assessment and risk treatment planning
- Internal auditing and nonconformity handling
- Awareness of compliance, business continuity, and cyber risk controls

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved information security governance and risk management
- Compliance readiness for ISO 27001 audits
- Reduced data breach and cyberattack exposure
- Enhanced stakeholder confidence in data security controls
- A culture of continual improvement and accountability in information security

Instructional Methodology

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

- Strategy Briefings – Overview of ISO 27001 structure, clauses, and information security best practices
- Case Studies – Real-world ISMS implementation and audit scenarios
- Workshops – Risk assessments, control implementation, and audit simulations
- Peer Exchange – Group collaboration on common ISMS challenges
- Tools – Templates for risk registers, SoA, audit checklists, and ISMS documentation

Course Outline

Detailed 5-Day 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: Fundamentals of ISO 27001 and Information Security Management

- Module 1: Introduction to ISO 27001 and ISMS Concepts (07:30 – 09:30) • Overview of ISO/IEC 27001:2022 and ISMS framework • Information security principles and terminology • Benefits and drivers for implementing ISO 27001
- Module 2: ISMS Scope and Context (09:45 – 11:15) • Understanding organizational context and stakeholder expectations • Determining ISMS scope and boundaries • Information security roles and responsibilities
- Module 3: Leadership, Governance, and Policy (11:30 – 01:00) • Leadership commitment and information security policy • Organizational roles, responsibilities, and communication • Establishing ISMS objectives
- Module 4: Interactive Case Scenario (02:00 – 03:30) • Scope definition and stakeholder mapping activity

Day 2: Risk Management and Annex A Controls

- Module 1: Risk Assessment Methodology (07:30 – 09:30) • Identifying and evaluating information security risks • Asset, threat, and vulnerability analysis • Likelihood, impact, and risk matrix design
- Module 2: Risk Treatment and Statement of Applicability (09:45 – 11:15) • Choosing and applying appropriate controls • Developing a risk treatment plan (RTP) • Preparing the Statement of Applicability (SoA)
- Module 3: Introduction to ISO 27001 Annex A Controls (11:30 – 01:00) • Structure and categories of Annex A controls • Control selection and implementation strategies
- Module 4: Workshop – Risk Register and SoA Development (02:00 – 03:30) • Hands-on group exercise: risk and control mapping

Day 3: ISMS Documentation, Awareness, and Operations

- Module 1: ISMS Documentation Requirements (07:30 – 09:30) • Required documented information under ISO 27001 • Policy, procedure, work instruction, and record formats • Managing documentation lifecycle
- Module 2: Competence, Awareness and Communication (09:45 – 11:15) • Training, awareness, and human factor considerations • Internal and external communication strategies
- Module 3: ISMS Operations and Control Implementation (11:30 – 01:00) • Managing operational planning and change • Implementing access control, backup, and incident management
- Module 4: ISMS Implementation Workshop (02:00 – 03:30) • Process walkthrough for selected operational controls

Day 4: Performance Evaluation, Internal Audit and Improvement

- Module 1: ISMS Monitoring and Evaluation (07:30 – 09:30) • Measuring effectiveness and ISMS performance indicators • Internal audits and management reviews
- Module 2: Conducting an ISMS Audit (09:45 – 11:15) • Audit planning, execution, and reporting • Nonconformity classification and corrective actions
- Module 3: Nonconformity Management and Continual Improvement (11:30 – 01:00) • Handling incidents and audit findings • Implementing continual improvement processes
- Module 4: Audit Simulation and Role Play (02:00 – 03:30) • Mock audit and observation of best practices

Day 5: Certification Preparation and Exam Readiness

- Module 1: ISO 27001 Certification Process (07:30 – 09:30) • Stages of certification and choosing a certification body • Preparation, readiness assessments, and audit phases
- Module 2: Recap and Review (09:45 – 11:15) • Quick review of key topics • Q&A session and clarifications
- Module 3: Final Examination and Practical Assessment (11:30 – 01:00) • Certification exam conducted by PECB • Practical scenario-based evaluation

- Module 4: Closeout and Certificate Distribution (02:00 – 03:30) • Personal action planning and implementation strategy • Course summary and feedback

Certification

Participants will receive a PECB Certified ISO 27001 Lead Implementer or Lead Auditor Certificate (depending on exam track selected), recognizing their expertise in developing, managing, and auditing ISO 27001-compliant Information Security Management Systems.

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