



ISO/IEC 27001 UNDERSTANDING AND IMPLEMENTING TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

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Course Title: ISO/IEC 27001 Understanding and Implementing Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a comprehensive and practical understanding of ISO/IEC 27001 Information Security Management Systems (ISMS), focusing on how organisations can systematically protect their information assets through risk-based controls, governance processes and robust security practices. The course explains ISO/IEC 27001 clause requirements, Annex A controls and implementation strategies that help organisations safeguard confidentiality, integrity and availability of data across IT systems, physical environments, suppliers and human interactions. Through real-world examples, workshops and guided implementation activities, this training equips participants to apply ISO/IEC 27001 effectively, develop critical ISMS documentation, strengthen security posture and enhance readiness for external certification audits.

OBJECTIVE(S):

- Understand ISO/IEC 27001 structure, purpose and scope.
- Learn key ISMS concepts, terminology and governance requirements.
- Conduct information security risk assessments and apply Annex A controls.
- Develop and implement ISMS documentation, policies and procedures.
- Strengthen operational security, access control and incident management.
- Ensure compliance with legal, regulatory and contractual obligations.
- Support ISMS monitoring, performance evaluation and continual improvement.
- Enhance readiness for ISO/IEC 27001 certification.

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TARGET GROUP(S):

- IT managers and cybersecurity personnel
- Information security officers and risk managers
- Compliance, governance and internal audit teams
- System administrators and network engineers
- HR, legal and operations personnel involved in ISMS
- ISO/IEC 27001 implementation and certification teams

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to ISO/IEC 27001 and Information Security Principles
2. ISMS Framework, Clause Requirements and Key Terminology
3. Information Security Risk Assessment and Risk Treatment
4. Annex A Controls Overview (A.5–A.18)
5. ISMS Documentation, Policies and Operational Procedures
6. Asset Management, Access Control and Technical Security Measures
7. Incident Response, Monitoring, Internal Audit and Performance Evaluation
8. Certification Process, Readiness and Continual Improvement

LIST OF REFERENCE BOOK(S):

- ISO/IEC 27001: Information Security Management Systems Requirements
- ISO/IEC 27002: Code of Practice for Information Security Controls
- ISO 31000: Risk Management Guidelines

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- ISMS documentation templates and security worksheets

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Implementation workshops
- Practical exercises

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Introduction to ISO/IEC 27001 and ISMS Principles
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2: ISMS Framework, Clause Requirements and Key Terminology
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 3: Information Security Risk Assessment and Risk Treatment
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 4: Annex A Controls Overview (A.5–A.18)

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 5: ISMS Documentation, Policies and Operational Procedures
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 6: Asset Management, Access Control and Technical Security Measures
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 7: Incident Response, Monitoring and Performance Evaluation
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 8: Certification Process, Readiness and Continual Improvement