

ISO/IEC 27001:2022 INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) - IMPLEMENTATION

Level: Intermediate | **Duration:** 3 days

This course will provide participants with understanding on the Information Security Management Systems (ISMS) ISO/IEC 27001:2022 requirements. The activities designed in this program will help participants to establish, implement, maintain and continually improve the ISMS within the context of an organisation.

Objectives

Participants able to understand ISO/IEC 27001:2022 requirements including the required information security controls in ISO/IEC 27002:2022 and its application to comply to the requirements. Participants able to establish, implement, maintain and continually improve the ISMS according to the standard requirements. This training aims to ensure participants possess the knowledge and skills to implement ISMS effectively.

Learning Outcome

1. Understanding of ISO/IEC 27001:2022 requirements and ISO/IEC 27002:2022 controls implementation
2. Understand the requirements to implement an ISMS that conforms to the ISO 27001:2022 requirements.

Target Participants

1. Personnel within organisation which plan to implement ISMS
2. Personnel involve in ISO/IEC 27001:2022 implementation
3. Personnel assigned with information security responsibilities

Modules

1. Introduction to ISMS

- What is Information Security
- What is Information Security Management Systems (ISMS)
- ISMS Family of Standards
- ISO/IEC 27001:2022
- ISO/IEC 27002:2022
- Critical Success Factor

2. ISMS Establishment

- Standards Relevant to ISMS
- Trainings Relevant to ISMS
- Gap Analysis
- Context of the organization
- ISMS Scope
- Information Security Objectives

3. Leadership

- Management Commitment
- Information Security Policy
- Roles and Responsibilities

4. ISMS Risk Assessment

- Introduction to Information Security Risk Management
- Standards Relevant for Risk Management
- Risk Assessment Process
- Risk Treatment Process
- Controls Determination
- Risk Treatment Plan (RTP)
- Residual Risk

5. Support

- Resources
- Competence
- Awareness
- Communication

6. Documented Information

- What is Documented Information
- Control of Documented Information
- Mandatory Documented Information
- Other Required Documented Information

7. Performance Evaluation

- Monitoring, Measurement, Analysis and Evaluation
- Internal Audit
- Management review

8. ISMS Improvement

- Nonconformity
- Corrective Action
- Continual Improvement

For additional information, please visit www.cyberguru.my. You can also contact us at training@cybersecurity.my or call at 03 8800 7999