



# **ISO/IEC 27001:2013- Information Security Management Systems**

**Certified ISO/IEC 27001 Lead Implementer Course  
Course Outline**

**PECB**

This course is PECB- certified.

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## Program Overview

This five-day intensive course enables participants to develop the necessary expertise to support an organization in implementing and managing an Information Security Management Systems (ISMS) based on ISO/IEC 27001:2013. Participants will also gain a thorough understanding of best practices used to implement information security controls from all areas of ISO/IEC 27002. This training with the project management practices established in ISO 10006 (Quality Management Systems- Guidelines for the Implementation of an ISMS), ISO/IEC 27004 (Measurement of Information Security) and ISO/IEC 27005 (Risk Management in Information Security)

## Duration

5- Day Program

## Learning Objectives

At the end of this training, participants will be able to:

- Understand the implementation of an Information Security Management System in accordance with ISO/IEC 27001
- Gain a comprehensive understanding of the concepts, approaches, standards, methods and techniques required for the effective management of an Information Security Management System
- Understand the relationship between the components of an Information Security Management System, including risk management, controls and compliance with the requirements of different stakeholders of the organization
- Acquire the necessary expertise to support an organization in implementing, managing and maintaining an ISMS as specified in ISO/IEC 27001
- Acquire the necessary expertise to manage a team implementing ISO/IEC 27001
- Develop the knowledge and skills required to advise organizations on best practices in the management of information security
- Improve the capacity for analysis and decision making in the context of information security management

## Target Audience

- Project managers or consultants wanting to prepare and to support an organization in the implementation of an Information Security Management System (ISMS)
- ISO/IEC 27001 auditors who wish to fully understand the Information Security Management System implementation process
- CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks members of an information security team
- Expert advisors in Information Technology
- Technical experts wanting to prepare for an information security function or for an ISMS project management function



## Program Structure and Outline

This course is a combination of instructor-led lectures and group activities.

- Day 1- Introduction to Information Security Management System (ISMS) concepts as required by ISO/IEC 27001; Initiating an ISMS
  - Introduction to management systems and the process approach
  - Presentation of the standards ISO/IEC 27001, ISO 27002 and ISO 27003 and regulatory framework
  - Fundamental principles of Information Security
  - Preliminary analysis and establishment of the level of the maturity level of an existing information security management system based on ISO 21827
  - Writing a business case and a project plan for the implementation of an ISMS
- Day 2- Planning the implementation of an ISMS based on ISO/IEC 27001
  - Defining the scope of an ISMS
  - Development of an ISMS and information security policies
  - Selection of the approach and methodology for risk assessment
  - Risk management: identification, analysis and treatment of risk (drawing on guidance from ISO/IEC 27005)
  - Drafting the Statement of Applicability
- Day 3- Implementing an ISMS based on ISO/IEC 27001
  - Implementation of a document management framework
  - Design of controls and writing procedures
  - Implementation of controls
  - Development of a training and awareness program and communicating about the information security
  - Incident management (based on guidance from ISO 27035)
  - Operations Management of an ISMS
- Day 4- Controlling, monitoring, measuring and improving an ISMS; certification audit of the ISMS
  - Controlling and monitoring the ISMS
  - Development of metrics, performance indicators and dashboards in accordance with ISO 27004
  - ISO/IEC 27001 Internal audit
  - Management review of an ISMS
  - Implementation of a continual improvement program
  - Preparing for an ISO/IEC 27001 certification audit
- Day 5- Certification Exam



## Why Choose SAS Management Inc.

### We Deliver Results

SAS Management Inc. has consistently proven its capability to deliver and exceed our clients' expectations. We are the only PEOPLECERT® Accredited Training Organization (ATO) in the Philippines. Our pool of consultants and trainers are seasoned industry veterans who have above average qualifications and certifications such as Business Management, Process Improvement, and Organizational Development Programs.

### We Create Value

SAS Management Inc. believes in ensuring that our services meet the intended needs of our clients. To us, it is more than just providing training and consulting but rather ensuring that these are the things that our clients really need. This is why SAS Management Inc. is probably the only training provider that does a thorough needs assessment prior to providing a proposal. Our goal for every proposal is to CREATE VALUE for your organization.

SAS Management, Inc. is affiliated and endorsed by the following organizations:

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