

ITpreneurs ISO/IEC 27001 Lead Implementer Course

Master the Implementation of an Information Security Management System (ISMS) by participating in the ITpreneurs Lead Implementer course.

The ITpreneurs Lead Implementer course is based around ISO/IEC 27001:2005 and provides the participant with the opportunity to develop the expertise needed to support an organization in implementing and managing an ISMS.

This training is consistent with the good practices of project management established by the Project Management Institute (PMI) and ISO 10006:2003 (Quality Management Systems - Guidelines for Quality Management in Projects).

The course includes a 3 hour exam which upon passing, allows the participant to become a certified Lead Implementer with RABQSA.

SEC1320

ISO/IEC 27001 Lead Implementer Course

Certificate:

RABQSA Certificate

Duration:

5 days

Course Delivery:

Classroom

Credits:

35 CPE

Course Description:

This five-day intensive course enables the participants to develop the expertise to support an organization in implementing and managing an Information Security Management System (ISMS) as specified in ISO/IEC 27001:2005. Participants will also master the best practices for implementing information security controls from the eleven areas of ISO/IEC 27002:2005.

This training is consistent with the good practices of project management established by the Project Management Institute (PMI) and ISO 10006:2003 (Quality Management Systems - Guidelines for Quality Management in Projects). This training is fully compatible with ISO/IEC 27003:2009 (Guidelines for the Implementation of an ISMS), ISO/IEC 27004:2009 (Measurement of Information Security) and ISO/IEC 27005:2008 (Risk Management in Information Security).

Audience:

Project manager or consultant wanting to prepare for and support an organization in the implementation of an Information Security Management System (ISMS)

- ISO 27001 Auditor who wants to master the Information Security Management System implementation process
- Person responsible for the information security or conformity in an organization
- Member of the information security team
- Expert advisor in information technology
- Technical expert wanting to prepare for an information security function or for an ISMS project management function

Learning Objectives:

At the end of this course, the participant will gain competencies in:

- Understanding the application of an Information Security Management System in the ISO/IEC 27001:2005 context
- Mastering the concepts, approaches, standards, methods and techniques allowing effective management of an Information Security Management System
- Understanding the relationship between an Information Security Management System, including risk management and controls and compliance with the requirements of different stakeholders of the organization
- Acquiring expertise to support an organization in implementing, managing and maintaining an ISMS as specified in ISO/IEC 27001:2005
- Acquiring the expertise necessary to manage a team in implementing the ISO/IEC 27001:2005 standard
- Developing personal skills and knowledge required to advise organizations on best practices in management of information security
- Improving the capacity for analysis and decision making in a context of information security management

Case Study

Scenario driven learning is essential to mastering the content taught during the training. This training includes a real life case study and assignments to:

- Provide applicable situations and cases
- Present a real world connect using situations that can happen in the day to day life of participants,
- Discuss the use and implementation of an ISMS with group members

Practical Information about the Course:

- Whiteboard, flipchart, projector
- 16 participants maximum

Prerequisites:

- ISMS Foundation training or a basic knowledge of ISO/IEC 27001:2005 and ISO/IEC 27002:2005 is recommended
- Participants are required to purchase a copy of the ISO/IEC 27001:2005 Standard from www.iso.org

Course Student Material:

- An ISMS implementation toolkit as well as a student manual containing over 450 pages of information and practical examples will be distributed to participants

About the Examination:

- The "ISO/IEC 27001:2005 Lead Implementer" exam is certified by RABQSA and meets the criteria of the "RABQSA Training Provider Examination Certification Scheme" (TPECS) and covers the following competency units:
 - RABQSA - IS (Information Security Management System)
 - RABQSA - OI (Organizational Improvement)
 - RABQSA - MC (Consulting to Management)
- Duration of the exam: 3 hours
- A certificate will be issued to participants who successfully complete the exam

**Credits:**

- A 35 CPE (Continuing Professional Education) participation certificate will be issued to participants

Agenda:

See next page



Agenda:

Day 1	Day 2	Day 3
Introduction to the management of an Information Security Management System (ISMS) based on ISO 27001 and launching an ISMS	Planning an ISMS based on ISO27001	Launching and implementing an ISMS based on ISO27001
<ul style="list-style-type: none"> • Introduction to management systems and the process approach • Detailed presentation of the standards ISO/IEC 27001:2005, ISO/IEC 27002:2005 and ISO/IEC 27003:2009 • Fundamental principles of Information Security • Preliminary analysis and determining the level of maturity of the existing management of the Information Security based upon ISO/IEC 21827:2008 • Writing the business case and preliminary design of the ISMS • Developing a project plan of compliance to ISO/IEC 27001:2005 	<ul style="list-style-type: none"> • Establishment of the Governance Framework • Definition of roles & responsibilities • Drafting of the ISMS policy • Defining the scope of the ISMS • Risk management according to ISO/IEC 27005:2008: identification, analysis and treatment of risk • Drafting the Statement of Applicability 	<ul style="list-style-type: none"> • Implementation of a document management framework • Design of controls and writing procedures • Implementation of controls • Development of a training & awareness program and communication around the information security • Incident Management according to ISO/IEC TR 18044:2004 • Operations management of an ISMS

Day 4	Day 5
Control, act and the certification audit of the ISMS according ISO/IEC 27001	Exam: Duration – 3 Hours
<ul style="list-style-type: none"> • Monitoring controls and the management of records • Development of metrics, performance indicators and the dashboard in accordance with ISO/IEC 27004:2009 • Internal ISMS Audit • Management review of the ISMS • Implementation of a continuous improvement program • Preparing for the ISO/IEC 27001:2005 audit 	<ul style="list-style-type: none"> • Open Book Exam: Except for the use of a computer, all documents and references are allowed during the exam. The exam is comprised of development questions.