

ISO 27001:2013 ISMS Internal Auditor Training Course Details

January 1, 2019

Overview

The ISO 27001 Internal Auditor training course is a 4-day course, encompassing the following:

- Mireaux's 3-day ISO 27001 Implementation course
- 1-day Internal Auditing Techniques

The course is essentially three days of hands-on training on the ISO 27001:2013 Information technology — Security techniques — Information Security Management Systems — Requirements International Standard, plus one day of training in auditing techniques, focusing on four areas:

- The foundation of ISO 27001:2013 based on the common framework and the High Level Structure (HLS), common text and common terminology adopted by all ISO standards.
- In depth overview of each clause of the ISO 27001:2013 standard, explaining what the standard says, what the standard means, how to apply the standard in the real world and how to audit it.
- In depth overview of Annex A, reviewing each control objective within the 14 controls.
- The fundamental requirements to conduct Internal Audits in accordance with ISO 19011:2011, "Guidelines for Auditing Management Systems".

Role-playing audit scenarios helps develop a hands-on understanding that will facilitate the implementation of a good Information Security Management System and Internal Audit program.

Learning Objectives

At the end of the course, participants should have the knowledge and understanding of the following:

ISO 27001:2013 standard:

- The common framework of the ISO management system standards, including the High Level Structure
- How to apply the Process Approach to identify core and support processes for the organization
- The necessary steps to implement a brand new Information Security Management System
- Each of the ISO 27001:2013 standard clause requirements
- Each of the Controls and Control Objectives of Annex A
- How to build an Information Asset Register
- Defining a methodology for Risk Assessment, identification of threats, and the formulation of a Risk Treatment Plan.
- The certification process

Internal Auditing Techniques:

- Roles and responsibilities of Internal Auditors
- Establishment of an Internal Audit program
- Planning, and execution of Internal Audits
- How to write clear nonconformities and effective Internal Audit reports

Prerequisites

The ISO 27001:2013 Internal Auditor training course does not have any prerequisite courses.

For individuals with little or no previous knowledge of ISO 27001 or Information Security Management Systems, who would like to maximize their knowledge; we recommend Mireaux's Fundamentals of Document Control class as a preamble and introduction to management systems.

Course Materials

Students receive comprehensive course manuals with reference materials, including:

- Presentation slides
- Workshop exercises
- Training copy of the standard and Annex A

Summary Agenda

- The topics in this course include:
- Background and History of ISO
- ISO Common Framework
- ISO Quality Management Principles
- The Process Approach
- Information Security, Risk Assessment and Asset concepts and definitions
- Certification process
- Detail Overview of the ISO 27001:2013 standard:
 - Clause 4: Context of the organization
 - Clause 5: Leadership
 - Clause 6: Planning
 - Clause 7: Support
 - Clause 8: Operation
 - Clause 9: Performance Evaluation
 - Clause 10: Improvement
- Control Objectives and Controls of Annex A
 - A.5 Information security policies
 - A.6 Organization of information security
 - A.7 Human resource security
 - A.8 Asset management
 - A.9 Access control
 - A.10 Cryptography
 - A.11 Physical and environmental security
 - A.12 Operations security
 - A.13 Communications security
 - A.14 Systems acquisition, development and maintenance
 - A.15 Supplier relationships
 - A.16 Information security Incident management
 - A.17 Information security aspects of business continuity management
 - A.18 Compliance
- Audit planning & preparation, document review

- Nonconformities
- Performing the Audit:
 - Opening meeting
 - Performing the audit
 - Reporting audit results
 - Closing meeting
- Auditor responsibilities
- Audit Closure: Corrective and Preventive action verification and follow-up

Duration and Class Hours

The duration of this course is four days, as follows:

- Day 1 8:30 AM to 4:30 PM CST
- Day 2 8:30 AM to 4:30 PM CST
- Day 3 8:30 AM to 4:30 PM CST
- Day 4 8:30 AM to 4:30 PM CST

Test and Certificate

This course has:

- A practical examination, completed and graded at various stages throughout the duration of the class.
- A final test, completed and graded at the end of the class.

A Certificate of Completion is provided to all participants at the end of the class.