OVERVIEW

The Information Security Management Systems (ISMS) Internal Auditor course teaches the fundamental requirements necessary to conduct internal audits in accordance with the ISO 27001:2005 Information Security Management Systems Requirements and ISO 19011:2011 Guidelines for Auditing Management Systems standards. Through workshops, case studies, and open discussions, the course provides attendees with a firm understanding of the concepts that lead to effective audits. Role-playing and audit scenarios helps attendees develop a hands-on understanding that will facilitate the implementation of a good ISMS and audit program,   as well as provide a deep insight into the ISO 27001 standard. The internal audit is a mandatory requirement of information security management systems based on the ISO 27001:2005 Information Security Management Systems standard.

TARGET AUDIENCE

This course is designed for employees or individuals responsible for managing, maintaining, or participating in an Information Security Management System and/or ISMS Internal Audits, including:

- Information Systems MIS/IT Directors or IT Managers
- Compliance Officers or Managers
- IT Professionals and Network Engineers
- Information Security Officers, Managers, ISM or ISMS Managers
- ISO Coordinators or Management Representatives

This course is also suitable for people who just want to get a firm understanding of the ISO 27001:2005 standard and their role in ensuring conformance to the organization's information security management system.

LEARNING OBJECTIVES

- Understand information security definitions, background, and objectives of ISO 27001:2005
- Understand the requirements of the ISO 27001:2005 standard
- Understand risk assessment and the controls of Annex A
- Understand the roles and responsibilities of the auditor
- Prepare and conduct all phases of an internal audit (plan, execute, report, follow-up)

PREREQUISITE

The ISMS Internal Auditor course is designed for individuals with little knowledge of ISO 27001. The first one and a half days of the course are dedicated to learning and understanding the ISO 27001:2005 standard and risk assessment process.

COURSE MATERIALS

Students receive comprehensive course manuals with reference materials, including:

- Presentation information
- Case studies
- Workshop exercises
- Forms used throughout the course
- Training copy of the standard

LANGUAGE

This course is taught in English. For information on a similar course in Spanish, please contact Mireaux office at 713-589-4680.

SUMMARY AGENDA

The topics in this course include:

- Information Security, Risk Assessment and Asset concepts and definitions
- Structure of ISO 27001:2005 Standard
- The ISO 27001:2005 Standard - Clauses 4 through 8
- The Risk Assessment Process Lifecycle
- Control Objectives and Controls of Annex A
    - Employees, Contractor, Vendor, and Customer Security
    - Physical Security
    - Network, IT Systems, Web, and Mobile Security
    - Information Security Incident Handling
    - Business Continuity and Disaster Recovery
- Risk Assessment
    - Introduction to Risk Assessment
    - Mireaux's Selected Asset Risk Assessment (SARA) Method
        - ❖ Asset Valuation
        - ❖ Threat Identification
        - ❖ Analysis and calculation of initial risk
        - ❖ Residual risk management
        - ❖ Selection of controls for risk treatment
    - Introduction to Other Risk Assessment Methods
- Introduction to Internal Auditing
    - Terms and Definitions
    - Principles of Auditing and Auditor Competence
    - Audit Planning
    - Document Review and Checklists
    - The Opening Meeting
    - Audit Performance and Audit Findings
    - Writing a Nonconformity
    - Audit Report and Closing Meeting
    - Audit Follow-Up
    - Keeping Your Auditing Skills Sharp
    - Various workshops throughout the course

CLASS HOURS AND MEALS

The duration of this course is three days, from 8:30 AM to 4:30 PM each day.

All of our Public courses include the following:

Meals: Breakfast, lunch, and afternoon snacks.

Drinks: Water, coffee, and sodas available all day.

TEST AND CERTIFICATE

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