Training Course:
IT Risk Management

26 - 30 October 2025
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe

Training Course:
IT Risk Management

Training Course code: IT234824 From: 26 - 30 October 2025 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6000 ⛿ Euro

Introduction

Risk management is the identification, assessment, and prioritization of risks followed by the coordinated and economical application of resources to minimize, monitor, and control the probability and/or impact of unfortunate events or to maximize the realization of opportunities.

This course is built around globally accepted standards such as ISO 31000:2009 and frameworks such as ISACA's Risk IT, and NIST and OCTAVE guidelines for risk management.

Objectives

Upon completion of this course, participants will be able to:

- Identify where and how to reduce known/unknown IT risks

- Identify areas of cost-benefit optimization and thus reduce IT expenditure

- Understand the ISO 31000:2009 standard and its applicability to the corporate environment

- Understand risk assessment as addressed in BASEL II, ISO 20000, ISO 27001, ITIL, COSO, COBIT, BS 25999 and its relevance to IT

- Understand the different IT Risk Assessment Standards, Models and Methodologies - NIST's SP-800-30, and OCTAVE™, ISO 27005

- Insights on the practical use of risk assessment and control evaluation techniques

Course outline

Day 1:

- Background

- Briefing on the Definition of Risk and Risk in the context of Information Technology

- Discussion and recording: Known risk scenarios

- IT Risk Management Initiative

- Project Planning Requirements

- Groundwork:

- General Risk Scenarios

- Understanding Business-specific, industry-specific, region/location-specific scenarios

- Recording the scenarios

Day 2:

- Management Buy-in

- Degree of business dependence on information technology

- Understanding and recording technology-specific risks

- Tying in general risk scenarios with IT risks

- Techniques of building a business case

- Budgeting

- Project Planning

- Resource Identification and Allocation

Day 3:

Understanding the Concepts and Techniques

- IT Risk Management Cycle

- Technology and business drivers

- Risk Terms - Asset, Threat, Threat Agent, Threat Event, Vulnerability, Countermeasure, Risk, Residual Risk

- Risk Assessment Methodology

- ISO 31000:2009 Overview

IT Risk Assessment:

- IT Process Selection

- IT Component Selection

- Approach Selection

- Risk Discussion :

- Risks from IT Strategy adopted

- Risks from IT Processes and Plans

- Risks from Networks and Systems

- Risks from Business Applications

- Risks from Internal Application

- Risks from Devices - Security Implementation, Disaster Recovery, Business Continuity

- Risks from Internal and External customers

- Applying ISO 31000 and Risk IT for Risk Assessment

- Challenges and Solutions

- Case Study I

Day 4:

- IT Risk Mitigation:

- IT Risk Mitigation Options

- IT Risk Mitigation Strategy

- Controls' Identification and Analysis

- Cost Benefit Analysis

- Calculating Residual Risk

- Case Study II

- Applying ISO 31000 and Risk IT for Risk Mitigation

Day 5:

- Evaluation IT Risk Management Cycle:

- Project Evaluation

- Learning from Selection and Execution techniques

- Integrating IT Risk Management with various frameworks and standards - BASEL II, ISO 20000, ITIL, COSO, COBIT, ISO 27001, BS 25999

- IT Risk Management Cycle: A Revision

Registration form on the Training Course:
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