informatech

IT MANAGEMENT AND CYBER SECURITY | COURSE

# IT Audit and Compliance

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# Course content

## Why Attend

### Course Introduction

This online training course provides a comprehensive understanding of IT audit principles and compliance with regulatory standards.

Participants will learn how to perform effective IT audits, identify key risks, and ensure organizational technology practices align with legal and regulatory frameworks.

Through hands-on sessions and case studies, the course will equip participants with the knowledge to evaluate IT systems, internal controls, and security protocols to ensure compliance and mitigate risks.

## Course Methodology

This online training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented.

This includes stimulating presentations supporting each of the topics together with interactive trainer lead sessions of discussion.

### Who should Attend?

This online training course is suitable to a wide range of professionals but will greatly benefit:

- IT Auditors
- Internal and External Auditors
- IT Managers and Professionals
- Risk and Compliance Officers
- Cybersecurity Professionals
- Governance, Risk, and Compliance (GRC) Professionals
- Financial Auditors involved in IT Systems Auditing

## Course Objectives

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By the end of this online training course, participants will be able to:

- Understand the role of IT audit in governance and compliance frameworks
- Identify and evaluate key IT risks, controls, and compliance requirements
- Align IT audit processes with major regulatory standards (e.g., GDPR, SOX, ISO, PCI DSS)
- Assess IT security measures and controls to ensure data protection
- Perform IT audits effectively using best practices and tools
- Develop audit reports and recommendations for improving IT systems compliance
- Ensure continuous compliance and risk management in dynamic IT environments

## Course outline

### Day One: Foundations of IT Audit and Compliance

- Introduction to IT Audit: Definitions and Objectives
- Key Concepts of IT Governance and Compliance
- Overview of Major Regulatory Frameworks (GDPR, SOX, PCI DSS, etc.)
- Risk-Based IT Auditing: Understanding IT Risk
- IT Audit Process: Planning, Execution, and Reporting
- Case Study: Identifying Key IT Risks in an Organization

### Day Two: IT Audit Frameworks and Standards

- Understanding IT Control Frameworks: COBIT, ISO 27001, NIST
- Compliance with International Standards: How to Align IT Audits
- Audit Methodologies: Control Self-Assessment (CSA), Continuous Auditing
- Auditing IT Infrastructure and Operations

# Course content

## Course outline

- Review of IT Governance Structures and their Role in Compliance
- Workshop: Designing an IT Audit Plan

### Day Three: Regulatory Compliance and IT Systems

- Key Regulatory Requirements and Their Impact on IT
- GDPR: Data Protection and Privacy Audits
- SOX: Auditing for Financial Integrity
- PCI DSS: Ensuring Payment Data Security
- IT General Controls (ITGC) Audits: Access Controls, Change Management, and Operations
- Compliance Testing and Validation of IT Systems
- Practical Session: Mapping Regulatory Requirements to IT Systems

### Day Four: IT Security Audits and Data Protection

- Auditing IT Security Controls: Risk Management and Mitigation
- Evaluating Cybersecurity Frameworks and Practices
- Ensuring Compliance with Data Protection Laws and Security Standards
- Identifying and Addressing Vulnerabilities in IT Systems
- Practical Exercise: Auditing IT Security Measures
- Case Study: IT Security Audit for Regulatory Compliance

### Day Five: Reporting, Follow-up, and Continuous Compliance

- Developing Audit Findings and Recommendations
- Best Practices for Audit Reporting and Communication with Stakeholders
- Follow-up and Monitoring of IT Audit Recommendations

# Course content

## Course outline

- Maintaining Continuous Compliance in Changing IT Environments
- Case Study: Preparing an IT Audit Report and Action Plan
- Final Assessment and Group Presentation

# Seminar dates

## Available seminar dates

Live dates and pricing for IT Audit and Compliance generated from the course details page.

| Date | Location | Format | Fee |
|---|---|---|---|
| 22 - 26 June 2026 | Istanbul - Turkey | Classroom | **€2,850.-** |
| 13 - 17 July 2026 | Vienna - Austria | Classroom | **€4,250.-** |
| 17 - 21 August 2026 | Barcelona - Spain | Classroom | **€3,850.-** |
| 21 - 25 September 2026 | Paris - France | Classroom | **€4,500.-** |
| 19 - 23 October 2026 | Frankfurt - Germany | Classroom | **€3,250.-** |
| 2 - 6 November 2026 | Barcelona - Spain | Classroom | **€3,850.-** |
| 21 - 25 December 2026 | Frankfurt - Germany | Classroom | **€3,250.-** |

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|---|---|
| **Live online option** | Online delivery is available at €1,850.-. |