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



Course content

Course Objectives

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
21 - 25 December 2026	Frankfurt - Germany	Classroom	**€2,600.-**
18 - 22 January 2027	London - U.K	Classroom	**€3,360.-**
15 - 19 February 2027	Istanbul - Turkey	Classroom	**€2,280.-**
15 - 19 March 2027	Vienna - Austria	Classroom	**€3,400.-**
19 - 23 April 2027	Barcelona - Spain	Classroom	**€3,080.-**
17 - 21 May 2027	Paris - France	Classroom	**€3,600.-**
21 - 25 June 2027	Frankfurt - Germany	Classroom	**€2,600.-**
19 - 23 July 2027	Barcelona - Spain	Classroom	**€3,080.-**
16 - 20 August 2027	Frankfurt - Germany	Classroom	**€2,600.-**
20 - 24 September 2027	London - U.K	Classroom	**€3,360.-**
18 - 22 October 2027	Istanbul - Turkey	Classroom	**€2,280.-**
15 - 19 November 2027	Cape Town - South Africa	Classroom	**€3,400.-**
20 - 24 December 2027	Barcelona - Spain	Classroom	**€3,080.-**

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