

aractech

Global Learning for Operational Leaders



IT MANAGEMENT AND CYBER SECURITY

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.

Course Methodology

Course Objectives

Target Audience

Course outline

Detailed course outline

Day-by-day outline for IT Audit and Compliance.

Day 1 - 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 2 - 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
- Review of IT Governance Structures and their Role in Compliance
- Workshop: Designing an IT Audit Plan

Course outline

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Day 3 - 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

Day 4 - 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

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Day 5 - 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
- 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
18 - 22 May 2026	London	Classroom	€2,940
22 - 26 June 2026	Istanbul	Classroom	€1,995
13 - 17 July 2026	Vienna	Classroom	€2,975
17 - 21 August 2026	Barcelona	Classroom	€2,695
21 - 25 September 2026	Paris	Classroom	€3,150
19 - 23 October 2026	Frankfurt	Classroom	€2,275
2 - 6 November 2026	Barcelona	Classroom	€2,695

Live online option

Online delivery is available at €1,250.