



Consulting and Training | Reach New Heights

Course Name

Information Systems and Technology Audit

Sector Name

Information Technology

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Information Systems and Technology Audit

Course Introduction

Information systems and technology are at the core of modern organizations, supporting financial reporting, operations, customer services, and strategic decision-making. As reliance on technology increases, so do the risks related to system security, data integrity, availability, and compliance. Internal auditors and assurance professionals are therefore expected to understand how technology works, how it is controlled, and how it should be audited.

The Information Systems and Technology Audit (Intermediate) course is designed for professionals who already have a basic understanding of audit or risk concepts and want to strengthen their ability to audit IT environments.

Within **BOOST**, this program focuses on practical IT audit knowledge that can be applied to real systems, processes, and control environments.

The course emphasizes how technology supports business processes and how risks arise when systems are poorly designed, configured, or managed. Participants will explore common IT risks, general IT controls, application controls, and the role of IT governance. The

program also highlights how IT audit integrates with business process audits and supports overall assurance objectives.

By the end of the course, participants will be better equipped to plan and perform IT audits, communicate findings clearly, and contribute to stronger technology governance and control environments.

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Information Systems and Technology Audit

Target Audience

- ✓ Internal auditors and senior internal auditors
- ✓ IT audit and assurance professionals
- ✓ Risk management and compliance staff
- ✓ Finance and operational auditors expanding into IT audit
- ✓ Governance and internal control professionals
- ✓ Public and private sector auditors
- ✓ Professionals preparing for advanced audit responsibilities

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Information Systems and Technology Audit

Learning Objectives

- Understand the role of IT audit in organizational assurance
- Identify key risks associated with information systems and technology
- Understand IT governance and control frameworks at a practical level
- Evaluate general IT controls and application controls
- Support IT audit planning and risk assessment
- Recognize common control weaknesses in IT environments
- Communicate IT audit issues effectively to management
- Integrate IT considerations into business and operational audits

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Information Systems and Technology Audit

Course Outline

✓ DAY 1

Introduction to Information Systems and IT Audit

- ✓ Role of information systems in organizations
- ✓ Why IT audit is critical to assurance and governance
- ✓ Overview of IT environments and architectures
- ✓ Common IT risks and vulnerabilities
- ✓ Relationship between business processes and IT systems
- ✓ Scope and objectives of IT audits

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Course Outline

✓ DAY 2

IT Governance and Risk Management

- ✓ IT governance concepts and responsibilities
- ✓ Alignment of IT strategy with business objectives
- ✓ IT policies, standards, and procedures
- ✓ Risk assessment in IT environments
- ✓ Role of management, audit, and oversight bodies
- ✓ Introduction to commonly used IT control frameworks

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Course Outline

✓ DAY 3

General IT Controls (GITCs)

- ✓ Purpose and importance of general IT controls
- ✓ Access controls and user management
- ✓ Change management and system development controls
- ✓ IT operations and incident management
- ✓ Backup, recovery, and business continuity controls
- ✓ Common weaknesses in GITCs

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Course Outline

✓ DAY 4

Application Controls and IT Audit Techniques

- ✓ Understanding application controls
- ✓ Input, processing, and output controls
- ✓ Interface and data integrity controls
- ✓ Auditing automated and manual controls
- ✓ IT audit evidence and documentation
- ✓ Using IT audit findings to assess business risks

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Information Systems and Technology Audit

Course Outline

✓ DAY 5

Applying IT Audit in Practice

- ✓ Planning an IT audit engagement
- ✓ Identifying and prioritizing IT audit issues
- ✓ Communicating IT audit findings clearly
- ✓ Working with IT and business stakeholders
- ✓ Integrating IT audit results into overall assurance
- ✓ Reflecting on current IT audit practices

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
March 15, 2027	March 19, 2027	5 days	4950.00 \$	England , London
June 7, 2027	June 11, 2027	5 days	4250.00 \$	UAE , Abu Dhabi
Sept. 6, 2027	Sept. 10, 2027	5 days	4250.00 \$	UAE , Abu Dhabi
Nov. 30, 2026	Dec. 4, 2026	5 days	4250.00 \$	UAE , Dubai

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