

IT Audit for Non-IT Auditors

Boston, Massachusetts (USA)

25 - 29 January 2027

UK Training

PARTNER



IT Audit for Non-IT Auditors

Code: QM32 From: 25 - 29 January 2027 City: Boston, Massachusetts (USA) Fees: 5900 Pound

Introduction

In today's technology-driven business environment, understanding how IT systems support operations, security, and compliance is essential for every internal auditor – even those without a technical background.

The IT Audit for Non-IT Auditors course is designed to bridge the knowledge gap between traditional auditing and information technology.

It equips participants with the practical skills to assess IT controls, evaluate system risks, and ensure data integrity within digital infrastructures.

By combining theory with hands-on applications and case studies, this course empowers auditors to confidently conduct IT-related reviews and align audit findings with organizational governance objectives.

Participants will learn how to identify system vulnerabilities, evaluate cybersecurity practices, and integrate IT considerations into their audit planning and reporting.

Course Objectives

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

- Understand the fundamental concepts of IT systems and their role in organizational performance.
- Recognize the relationship between IT environments and internal audit processes.
- Identify technology-related risks and evaluate their impact on business operations.
- Assess the adequacy and effectiveness of IT controls.
- Apply audit techniques and data analysis tools for IT assurance activities.
- Interpret IT governance principles and their relevance to internal audit.
- Develop audit programs that integrate technology risk assessment.
- Prepare professional audit reports addressing IT-related findings and recommendations.

Course Outlines

Day 1: Understanding IT Environments and Auditor Roles

- Overview of IT architecture and key components applications, networks, databases.
- Relationship between IT systems and business processes.
- The auditor's role in reviewing IT environments.
- Key IT risks affecting internal control frameworks.
- Understanding data flows and information processing.
- Practical exercise: Analyzing an organizational IT landscape.

Day 2: IT Controls and Cybersecurity Essentials

The logo for UK Training Partner features the text 'UK Training' in a small, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The background of the logo is a stylized chessboard with several chess pieces (a king, a queen, a rook, and a pawn) in gold and silver, set against a backdrop of concentric circles.

- Introduction to general and application controls.
- Access control management and segregation of duties.
- IT security fundamentals and common vulnerabilities.
- Data protection, encryption, and privacy principles.
- Assessing compliance with cybersecurity policies.
- Case study: Evaluating a security breach and identifying root causes.

Day 3: IT Audit Tools, Techniques, and Data Analytics

- Steps in planning and executing an IT audit.
- Using data analytics in auditing processes.
- Sampling methods and automated testing.
- Techniques for reviewing databases, applications, and system logs.
- Using tools to detect fraud and irregularities in electronic data.
- Workshop: Performing an IT audit simulation using sample data.

Day 4: Risk Assessment and Reporting in IT Audits

- Conducting IT risk assessments aligned with business objectives.
- Mapping controls to specific risks and identifying gaps.
- Evaluating the effectiveness of preventive and detective controls.
- Writing clear, actionable audit findings.
- Reporting IT audit results to management and audit committees.
- Group activity: Preparing a complete IT audit report.

Day 5: IT Governance, Compliance, and Continuous Improvement

- Understanding IT governance frameworks and standards.
- Aligning IT audit activities with corporate governance principles.
- Enhancing collaboration between audit and IT teams.
- Continuous monitoring and improvement of IT controls.
- Measuring IT audit performance through KPIs.
- Final workshop: Designing a roadmap for IT audit maturity improvement.

Why Attend This Course? Wins & Losses!

- Gain a solid understanding of IT environments without needing a technical background.
- Build confidence in evaluating IT systems and identifying control weaknesses.
- Learn how to apply data analytics and audit automation tools effectively.
- Strengthen collaboration between the audit and IT departments.
- Improve audit quality through a structured risk-based approach.
- Enhance professional credibility and open pathways for career advancement.
- Acquire globally relevant IT audit competencies aligned with best practices.
- Develop practical skills for auditing cybersecurity and digital systems.

Conclusion

The IT Audit for Non-IT Auditors course is an essential learning experience for professionals aiming to adapt to the realities of digital transformation. It enables auditors to understand the language of technology, assess IT controls

The graphic features the text 'UK Training' in a small, black, sans-serif font above the word 'PARTNER' in a large, bold, black, sans-serif font. The background is a stylized chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver, set against a light gray background with concentric circles.



effectively, and contribute meaningfully to risk management and governance.

By combining structured learning with real-world applications, this course prepares participants to navigate the intersection between IT systems and internal auditing with confidence. In a world where digital processes drive business success, mastering IT auditing is no longer optional – it is a strategic necessity for every modern auditor.

A graphic of a chessboard with a black and white checkered pattern. Three chess pieces are visible: a black pawn, a silver pawn, and a gold king piece. In the background, there are concentric circles emanating from behind the king piece.

UK Training
PARTNER

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Clients

 MANNAI CORPORATION MANNAI Trading Company WLL, Qatar	 GAC UNE FILIALE D' EGA Alumina Corporation Guinea	 Booking.com Booking.com Netherlands	 OXFAM Oxfam GB International Organization, Yemen	 Capital Markets Authority Kuwait
 Waltersmith Waltersmith Petroman Oil Limited Nigeria	 QNB Qatar National Bank (QNB), Qatar	 Qatar Foundation Qatar	 AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania	 KFAS KFS Kuwait
 Reserve Bank of Malawi Malawi	 Central Bank of Nigeria Nigeria	 Ministry of Interior Kingdom of Saudi Arabia KSA	 Mabruk Oil Company Libya	 Saudi Electricity Company KSA
 BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia	 NATO Italy	 ENI ENI CORPORATE UNIVERSITY, Italy	 GULF BANK Gulf Bank Kuwait	 General Organization for Social Insurance KSA
 Defence Space Administration Nigeria	 National Industries Group (Holding) Kuwait	 Hamad Medical Corporation Qatar	 USAID Pakistan	 STC STC Solutions, KSA
 North Oil Company North Oil company,	 EKO Electricity EKO Electricity	 OMAN BROADBAND Oman Broadband	 UNITED NATIONS UN.	 Authority for Electricity Regulation, Oman Authority for

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Sustainability, ESG & Corporate Responsibility
Advanced Courses
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training