BLACKBIRD FOR TRAINING

Technology Audit Foundation

30 November – 4 December 2026
Kigali (Rwanda)



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Introduction

In today's fast-evolving technological landscape, organizations heavily rely on technology to drive their operations. Ensuring the reliability, security, and compliance of technology systems is crucial. The "Technology Audit Foundation" course is designed to provide participants with a foundational understanding of technology audit principles and practices. Participants will gain insights into the importance of technology audits, the methodologies involved, and the key skills required to perform effective IT audits. By the end of the course, participants will be better equipped to contribute to their organization's technology governance and risk management efforts.

Course Objectives

- Introduction to Key Concepts and Importance of Technology Audits: Understand the importance of IT audits and their role in ensuring the security, compliance, and effectiveness of technology systems.
- Comprehensive Understanding of the Technology Audit Process: Learn the steps involved in performing a technology audit and the processes that help assess technology risks.
- Skills for Planning and Conducting IT Audits: Equip participants with the skills necessary to plan, execute, and follow up on IT audits.
- Identifying and Assessing Technology-Related Risks and Controls: Learn how to identify technology risks and evaluate the effectiveness of IT controls.
- Risk-Based Approach to Auditing and Compliance: Emphasize a risk-based approach to IT audits that helps ensure the organization's technology systems meet compliance standards.
- Contribution to Technology Governance and Risk Management: Prepare participants to play a key role in technology governance and IT risk management in their organizations.

Course Outlines

Day 1: Introduction to Technology Auditing

- Understanding the Role and Scope of IT Auditing: Get an overview of the role and responsibilities of a technology auditor.
- Key Terminology and Concepts in Technology Auditing: Learn the fundamental terms and concepts in IT audits, including information technology audit, IT audit basics, and audit technology.
- The Importance of Technology Governance: Understand the connection between technology governance and IT auditing.



Day 2: Technology Audit Methodology

- Technology Audit Lifecycle: The steps involved in planning, executing, reporting, and following up on an IT audit process.
- Risk Assessment in IT Auditing: Learn how to assess technology-related risks and apply appropriate controls.
- Developing an IT Audit Plan: Understand how to create an audit plan based on the organization's risk profile and compliance requirements.

Day 3: Technology Audit Tools and Techniques

- Data Gathering and Analysis in IT Audits: Learn how to collect and analyze data to identify risks and weaknesses in technology systems.
- Using Audit Software and Tools: Explore the tools and software used in information technology audits to enhance efficiency and accuracy.
- Documentation and Workpapers in Technology Auditing: Learn how to maintain proper documentation and workpapers in line with IT audit best practices.

Day 4: Identifying Technology-Related Risks and Controls

- Common Technology Risks in Organizations: Discuss common IT risks such as cybersecurity threats, system failures, and data breaches.
- Evaluating IT General Controls: Learn how to assess general IT controls that impact the integrity of technology systems.
- Assessing Application Controls: Focus on auditing the application layer and ensuring it adheres to security and compliance standards.

Day 5: Reporting and Follow-Up

- Effective Communication of Audit Findings: Learn how to present audit results clearly and effectively to stakeholders.
- Developing Actionable Recommendations: Understand how to provide actionable recommendations that help mitigate risks and enhance security.
- Post-Audit Follow-Up and Verification: Learn the importance of following up after the audit to ensure that recommendations are implemented and issues are addressed.



Why Attend this Course: Wins & Losses!

- Master IT Audit Fundamentals: Gain foundational knowledge of IT audits and technology auditing, helping you to better understand your organization's technology governance.
- Learn IT Audit Methodologies: Become proficient in the IT audit process, and learn the best practices for conducting audits from start to finish.
- Identify and Manage Technology Risks: Learn how to recognize technology-related risks and apply risk mitigation strategies.
- Improve Technology Governance and Compliance: Use what you learn to help ensure that your organization's IT compliance meets regulatory and governance requirements.
- Prepare for IT Audit Certifications: This course is a great preparation for pursuing certifications in IT auditing such as CISA Certified Information Systems Auditor.
- Enhance Your IT Audit Skills: Learn IT audit best practices that you can immediately apply in your workplace.

Conclusion

The Technology Audit Foundation course is an excellent opportunity for professionals to gain critical knowledge and skills in IT auditing. By mastering the fundamentals of technology audits, participants will be equipped to manage IT risks effectively, contribute to technology governance, and ensure that their organizations meet compliance and security standards.

Join this course today to take the next step in enhancing your capabilities in IT audit and technology governance.

