Technology Audit Foundation: Mastering IT Audit Essentials

11 – 15 January 2027
Brussels (Belgium)



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Why This Course

In today's technology-driven business environment, IT systems are critical to organizational success, making technology auditing an essential function for risk management and compliance. This intensive 1-week course equips professionals with the knowledge and practical skills to conduct effective IT audits, assess risks, and ensure that information systems operate securely and efficiently.

What You'll Learn and Practice

By participating in this program, you will:

- Understand the fundamentals of technology auditing and its role in modern organizations.
- Plan and execute IT audits using industry-standard methodologies.
- Identify and assess IT risks and controls to ensure system reliability and security.
- Apply IT audit tools and techniques for enhanced efficiency and accuracy.
- Evaluate compliance with IT standards, regulations, and governance frameworks.

The Program Flow

Day 1: Introduction to Technology Auditing

- Overview of IT auditing concepts and principles
- The role of IT auditors in organizations
- IT audit frameworks and standards
- IT governance and risk management

Day 2: IT Audit Planning and Risk Assessment

- Audit planning process and methodologies
- Risk assessment techniques for IT audits
- Identifying key IT risks and controls
- Developing an IT audit plan



Day 3: IT Control Evaluation

- Types of IT controls and their importance
- Evaluating general IT controls
- Application control assessment
- Data analytics in IT auditing

Day 4: IT Audit Tools and Techniques

- Overview of IT audit tools and software
- Computer-assisted audit techniques CAATs
- Continuous auditing and monitoring
- IT security assessment tools

Day 5: IT Audit Reporting and Compliance

- Effective IT audit reporting techniques
- Communicating audit findings to stakeholders
- IT compliance auditing e.g., GDPR, SOX
- Emerging trends in technology auditing

Individual Impact

- Build confidence in planning and executing IT audits with precision.
- Gain practical skills in identifying IT risks and evaluating controls.
- Acquire hands-on experience with modern IT audit tools and methodologies.
- Enhance your ability to communicate audit findings clearly and effectively.

Work Impact

- Strengthen your organization's IT governance and risk management capabilities.
- Improve compliance with internal standards and external regulations.
- Enhance operational efficiency and security of IT systems.
- Provide actionable insights to management for informed decision-making.

Training Methodology

This program combines theory with practical application:

- Real-world IT audit case studies and scenarios.
- Hands-on exercises using IT audit tools and software.
- Group discussions and problem-solving workshops.
- Templates, frameworks, and checklists for immediate workplace application.



Beyond the Course

After completing this course, participants will be ready to:

- Conduct IT audits confidently using industry-standard frameworks.
- Identify and mitigate technology risks effectively.
- Produce clear, actionable audit reports for management and stakeholders.
- Stay current with emerging trends and best practices in technology auditing.

