# Auditing IT Systems in Public Finance Training Course

Professional Development Training Course Outline

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|---|---|---|---|
| **Category** | Public Financial Management & Budgeting | **Duration** | 5 Days |
| **Base Fee** | $1,500 USD | **Delivery Mode** | Online / On-site Hybrid |

## Course Introduction

In today’s fast-evolving digital era, public finance management relies heavily on robust IT systems to ensure transparency, efficiency, and accountability. Auditing IT Systems in Public Finance Training Course equips finance professionals, auditors, and IT specialists with advanced skills to evaluate, monitor, and strengthen IT frameworks supporting public sector financial operations. Participants will gain a comprehensive understanding of IT auditing standards, risk assessment, compliance monitoring, and data integrity techniques, ensuring optimal system performance and regulatory compliance.

This course emphasizes practical, real-world applications through hands-on case studies, audit simulation exercises, and policy-driven scenarios. By integrating emerging trends in digital finance, cybersecurity, ERP systems, and automated audit tools, participants will enhance their ability to detect vulnerabilities, prevent fraud, and improve decision-making processes. The training fosters a strategic mindset, empowering professionals to contribute effectively to public financial governance, operational excellence, and sustainable IT audit practices.

## Programme Curriculum

**Auditing IT Systems in Public Finance Training Course**

### Introduction

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## Course Objectives

1. Master the principles of IT auditing in public finance systems.
2. Understand risk-based auditing methodologies and their applications.
3. Analyze and evaluate IT internal controls for financial operations.
4. Enhance cybersecurity auditing skills within public sector finance.
5. Develop proficiency in ERP system audits and automation tools.
6. Apply compliance monitoring techniques for public financial regulations.
7. Detect and prevent fraud, errors, and data breaches in IT systems.
8. Interpret financial data integrity and system reliability.
9. Conduct IT audit planning and reporting effectively.
10. Integrate emerging technologies in auditing (AI, blockchain, analytics).
11. Strengthen IT governance and risk management frameworks.
12. Apply best practices for audit documentation and reporting.
13. Build skills for strategic decision-making in public financial IT audits.

## Target Audiences

1. Public sector auditors and financial controllers
2. IT auditors and system analysts
3. Compliance officers in government finance departments
4. Finance managers and accountants
5. Risk management professionals
6. ERP and finance software administrators
7. Policy makers in public finance governance
8. Internal audit team members

## Course Duration: 5 days

## Course Modules

**Module 1: Introduction to IT Auditing in Public Finance**

- Overview of public finance systems and IT infrastructure
- Importance of IT auditing in government finance
- IT audit standards and frameworks
- Key performance indicators in IT auditing
- Emerging trends in digital finance audits
- **Case Study:** Auditing IT systems in a national treasury department

**Module 2: Risk Assessment and Internal Controls**

- Identifying IT risks in financial processes
- Evaluating internal control systems
- Techniques for risk-based audit planning
- Risk mitigation strategies
- Practical audit risk assessment tools
- **Case Study:** Risk assessment in a municipal finance office

**Module 3: ERP Systems and Financial Applications Auditing**

- Overview of ERP systems in public finance
- Audit procedures for ERP modules
- Evaluating system access and user controls
- Detecting discrepancies in financial data
- ERP audit reporting best practices
- **Case Study:** Auditing SAP-based public finance operations

**Module 4: Cybersecurity Auditing**

- Fundamentals of cybersecurity in finance IT systems
- Common threats and vulnerabilities
- Security control assessment techniques
- Data protection and compliance measures
- Integrating cybersecurity in audit planning
- **Case Study:** Cybersecurity audit of a government finance portal

**Module 5: Compliance and Regulatory Auditing**

- Overview of public finance regulations
- IT compliance frameworks and standards
- Audit procedures for statutory adherence
- Monitoring and reporting compliance violations
- Ensuring transparency and accountability
- **Case Study:** Ensuring regulatory compliance in a national audit office

**Module 6: Data Integrity and Analytics**

- Ensuring accuracy and completeness of financial data
- Data validation and reconciliation techniques
- Using analytics for audit evidence
- Identifying anomalies and trends
- Reporting insights for management decisions
- **Case Study:** Data integrity audit in a municipal budgeting system

**Module 7: Audit Planning, Reporting, and Documentation**

- Developing an IT audit plan
- Effective audit documentation strategies
- Reporting findings to stakeholders
- Recommendations and follow-up procedures
- Communicating audit results effectively
- **Case Study:** Audit planning and reporting in a central finance department

**Module 8: Emerging Technologies in IT Auditing**

- AI, blockchain, and automation in audits
- Digital tools for fraud detection
- Cloud-based financial system audits
- Enhancing efficiency with audit software
- Future trends in IT auditing
- **Case Study:** Implementing AI-based auditing in public finance

## Training Methodology

- Interactive lectures and expert presentations

- Hands-on audit simulation exercises
- Real-world case studies analysis
- Group discussions and peer learning sessions
- Practical tools for IT audit implementation
- Continuous feedback and assessment exercises

**Register as a group from 3 participants for a Discount**

**Send us an email: info@fineskilltrainingcenter.org or call** *+254769199797*

***Certification***

*Upon successful completion of this training, participants will be issued with a globally- recognized certificate.*

***Tailor-Made Course***

*We also offer tailor-made courses based on your needs.*

**Key Notes**

**a.** The participant must be conversant with English.

**b.** Upon completion of training the participant will be issued with an Authorized Training Certificate

**c.** Course duration is flexible and the contents can be modified to fit any number of days.

**d.** The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

**e.** One-year post-training support Consultation and Coaching provided after the course.

**f.** Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

## Upcoming Scheduled Sessions

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **23 Nov 2026** | 27 Nov 2026 | Online | $1,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $1,500 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $3,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $4,500 |

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $6,000 |

Ready to enroll or request a customized program? Book online or contact us:

**Register Online Now**

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com