IT Auditing & Controls Training Course

Professional Development Training Course Outline

Category	ACCOUNTING & FINANCE	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Modern organizations operate in a rapidly evolving digital environment driven by cloud computing, cybersecurity transformation, artificial intelligence, enterprise resource planning systems, big data analytics, and digital governance frameworks. As businesses increasingly rely on information technology to support critical operations, the need for robust IT auditing and effective internal controls has become essential for regulatory compliance, operational efficiency, cyber resilience, and business continuity. Organizations are under constant pressure to strengthen governance, reduce technology risks, improve data integrity, and ensure compliance with international standards such as COBIT, ISO 27001, NIST, GDPR, and SOX. IT Auditing & Controls Training Course equips professionals with practical knowledge and globally recognized auditing methodologies to evaluate IT systems, assess control environments, manage cyber risks, and improve enterprise governance structures.

The course provides participants with advanced techniques in IT risk assessment, cybersecurity auditing, internal control frameworks, digital transformation assurance, compliance auditing, fraud detection, governance evaluation, and technology risk management. Participants will gain hands-on exposure to modern audit tools, audit analytics, IT governance frameworks, cloud security assessments, and incident response controls. Through practical exercises and global case studies, learners will develop the capability to perform risk-based IT audits, strengthen organizational security posture, enhance regulatory compliance, and support strategic decision-making in highly digitized business environments.

Programme Curriculum

IT Auditing & Controls Training Course

Introduction

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Course Objectives

1. Understand modern IT auditing principles, governance frameworks, and risk-based auditing methodologies.
2. Develop expertise in cybersecurity risk assessment and information systems control evaluation.
3. Learn how to implement effective internal control frameworks for enterprise IT environments.
4. Strengthen skills in IT governance, compliance auditing, and regulatory risk management.
5. Analyze vulnerabilities in cloud computing, digital infrastructure, and enterprise systems.
6. Apply COBIT, ISO 27001, NIST, and SOC frameworks in IT audit engagements.
7. Improve fraud detection, cybersecurity monitoring, and incident response auditing techniques.
8. Conduct data analytics-driven audits using modern audit automation and reporting tools.
9. Evaluate business continuity management and disaster recovery control environments.
10. Understand emerging trends in artificial intelligence governance and digital transformation auditing.
11. Develop audit reporting, stakeholder communication, and audit documentation capabilities.
12. Enhance enterprise resilience through proactive technology risk management strategies.
13. Strengthen organizational compliance, operational transparency, and cyber governance effectiveness.

Organizational Benefits

- Strengthens enterprise cybersecurity governance and digital resilience.
- Improves regulatory compliance and audit readiness.
- Enhances IT risk identification and mitigation capabilities.
- Reduces operational losses caused by control failures and cyber incidents.
- Improves business continuity and disaster recovery preparedness.
- Enhances data protection, privacy compliance, and information security management.
- Supports strategic digital transformation and governance initiatives.
- Strengthens fraud prevention and internal control monitoring systems.
- Improves stakeholder confidence through transparent audit practices.
- Promotes operational efficiency through automated audit and compliance processes.

Target Audiences

- Internal Auditors
- IT Auditors
- Risk Management Professionals
- Cybersecurity Officers
- Compliance Officers
- Finance and Internal Control Managers
- Information Systems Managers
- Governance and Assurance Professionals

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of IT Auditing and Governance

- Principles and concepts of IT auditing
- IT governance frameworks and enterprise risk management
- Roles and responsibilities of IT auditors
- Risk-based auditing methodologies and audit planning
- Regulatory compliance and technology governance requirements
- Global Case Study: Evaluating IT governance failures in multinational organizations

Module 2: IT Risk Assessment and Internal Controls

- IT risk identification and risk assessment techniques
- Designing and evaluating internal control environments
- Preventive, detective, and corrective control mechanisms
- Control self-assessment and risk mitigation strategies
- Enterprise risk management integration with IT controls
- Global Case Study: Internal control breakdowns leading to operational disruption

Module 3: Cybersecurity Auditing and Information Security Controls

- Cybersecurity governance and security auditing frameworks
- Information security policies and access control management
- Vulnerability assessment and penetration testing concepts
- Security incident management and cyber resilience auditing
- Auditing endpoint security, firewalls, and network controls
- Global Case Study: Lessons learned from major global cyberattacks

Module 4: Auditing Cloud Computing and Digital Infrastructure

- Cloud computing risks and cloud governance frameworks
- Auditing cloud service providers and virtual environments
- Data privacy, encryption, and identity management controls
- Infrastructure security and virtualization risk management
- Compliance considerations in cloud computing environments
- Global Case Study: Cloud security failures affecting enterprise operations

Module 5: Data Analytics and Audit Automation

- Introduction to audit analytics and digital auditing tools
- Data-driven auditing and continuous monitoring techniques
- Using analytics for fraud detection and anomaly identification
- Automation of audit testing and reporting processes
- Key performance indicators and audit dashboards
- Global Case Study: Leveraging data analytics to improve audit effectiveness

Module 6: Business Continuity and Disaster Recovery Auditing

- Business continuity management frameworks
- Disaster recovery planning and crisis response auditing
- Auditing backup systems and recovery infrastructure
- Assessing operational resilience and recovery readiness
- Testing continuity plans and emergency response procedures
- Global Case Study: Business continuity failures during major operational crises

Module 7: Regulatory Compliance and Emerging Technologies

- IT compliance requirements and regulatory standards
- Auditing compliance with ISO 27001, COBIT, NIST, and GDPR
- Risks associated with artificial intelligence and emerging technologies
- Digital transformation governance and technology assurance
- Ethical considerations in technology auditing and governance
- Global Case Study: Regulatory penalties caused by compliance failures

Module 8: Audit Reporting, Communication, and Best Practices

- Preparing effective IT audit reports and recommendations
- Audit evidence documentation and reporting standards
- Communicating audit findings to senior management

- Developing corrective action plans and follow-up mechanisms
- IT audit quality assurance and professional ethics
- Global Case Study: Successful enterprise audit transformation initiatives

Training Methodology

- Instructor-led interactive training sessions
- Practical workshops and hands-on audit exercises
- Real-world IT auditing simulations
- Group discussions and collaborative learning activities
- Global case study analysis and problem-solving exercises
- Risk assessment and control evaluation assignments
- Audit reporting and governance documentation practice
- Technology demonstrations and audit analytics applications
- Knowledge-sharing sessions and peer learning activities
- Continuous assessment and feedback sessions

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
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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