Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ACCOUNTING AND FINANCE

Internal Control Systems Design, Testing and Evaluation Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 24, 2026

Academic & Professional Training Year: 2026

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Internal Control Systems Design, Testing and Evaluation Training Course

Accounting and Finance • 5 Days Intensive • Accredited Certification

Course Overview

Internal Control Systems Design, Testing and Evaluation Training Course provides comprehensive knowledge and practical skills for developing, implementing, monitoring and evaluating effective internal control frameworks within modern organisations.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • SAP S/4HANA Finance • and Oracle NetSuite ERP

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
30 Nov 2026 – 4 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Dec 2026 – 11 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
14 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
21 Dec 2026 – 25 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
28 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Jan 2027 – 8 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
11 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
18 Jan 2027 – 22 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
25 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Feb 2027 – 5 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Feb 2027 – 19 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Mar 2027 – 5 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Mar 2027 – 19 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Mar 2027 – 2 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Apr 2027 – 9 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
12 Apr 2027 – 16 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
19 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
26 Apr 2027 – 30 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**

3 May 2027 – 7 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
10 May 2027 – 14 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
17 May 2027 – 21 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
24 May 2027 – 28 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
31 May 2027 – 4 Jun 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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9 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
16 Aug 2027 – 20 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
23 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
30 Aug 2027 – 3 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
6 Sep 2027 – 10 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
13 Sep 2027 – 17 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
20 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
27 Sep 2027 – 1 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Oct 2027 – 8 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Internal Control Systems Design, Testing and Evaluation Training Course

Introduction

Internal Control Systems Design, Testing and Evaluation Training Course provides comprehensive knowledge and practical skills for developing, implementing, monitoring and evaluating effective internal control frameworks within modern organisations. The course focuses on internal control systems, enterprise risk management, corporate governance, financial controls, operational efficiency, compliance management, fraud prevention, internal auditing and accountability. Participants will explore internationally recognised frameworks, including the Committee of Sponsoring Organizations of the Treadway Commission (COSO) Internal Control Framework, risk-based auditing, control self-assessment and business process controls. Emphasis is placed on strengthening organisational resilience, improving financial reporting accuracy, preventing financial misconduct and ensuring compliance with regulatory requirements.

The training also examines advanced internal control testing methodologies, control effectiveness assessment, automated controls, information technology general controls, data analytics and continuous monitoring. Through practical exercises and global case studies, participants will learn how to identify control weaknesses, assess control design adequacy, conduct operating effectiveness tests and recommend corrective actions. Examples from organisations and regulatory environments in the United States, United Kingdom, Kenya and other international markets will demonstrate how effective internal controls support transparency, operational excellence, fraud risk mitigation and sustainable organisational performance.

Course Objectives

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

- Understand modern internal control frameworks and principles.
- Design effective risk-based internal control systems.
- Apply COSO and enterprise risk management frameworks.
- Identify operational, financial and compliance control weaknesses.
- Conduct internal control testing and evaluation.
- Assess control design and operating effectiveness.
- Strengthen fraud prevention and detection mechanisms.
- Improve financial reporting reliability and accountability.
- Implement automated controls and technology-driven monitoring.
- Conduct risk assessments and control gap analyses.
- Develop effective corrective and remediation strategies.
- Strengthen corporate governance and regulatory compliance.
- Establish continuous control monitoring and improvement systems.

Organizational Benefits

- Strengthens corporate governance and organisational accountability.
- Reduces financial fraud and operational risks.
- Improves financial reporting accuracy and reliability.
- Enhances regulatory compliance and audit readiness.
- Minimises operational inefficiencies and control failures.
- Strengthens asset protection and resource management.
- Improves risk identification and mitigation.
- Supports informed management decision-making.
- Enhances transparency and stakeholder confidence.
- Promotes continuous improvement and organisational resilience.

Target Audiences

- Internal auditors and external audit professionals.
- Risk management and compliance officers.
- Finance managers and financial controllers.

- Chief financial officers and accounting professionals.
- Corporate governance and assurance professionals.
- Operations managers and departmental heads.
- Fraud investigators and forensic auditors.
- Information technology auditors and control specialists.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Internal Control Systems

- Internal control concepts, principles and organisational importance.
- Components of effective internal control frameworks.
- Roles of management, boards and internal auditors.
- Control environments and accountability structures.
- Control failures and organisational risk exposure.
- Case study: Enron's internal control failures and corporate governance collapse in the United States.

Module 2: Internal Control Frameworks and Standards

- COSO Internal Control – Integrated Framework.
- Enterprise risk management and governance principles.
- International auditing and assurance standards.
- Three Lines Model and organisational accountability.
- Integrating controls into business processes.
- Case study: UK corporate governance practices and internal control reporting under the UK Corporate Governance Code.

Module 3: Internal Control Systems Design

- Identifying organisational control requirements.
- Designing preventive, detective and corrective controls.
- Segregation of duties and authorisation procedures.
- Developing policies, procedures and control matrices.
- Integrating controls into operational workflows.
- Case study: Toyota's operational controls and quality management systems in Japan.

Module 4: Risk Assessment and Control Gap Analysis

- Enterprise risk identification and classification.
- Risk and control self-assessment techniques.
- Evaluating inherent and residual risks.
- Conducting control gap and vulnerability assessments.
- Developing risk-based control improvement plans.
- Case study: JPMorgan Chase's London Whale trading losses and risk control weaknesses.

Module 5: Internal Control Testing Methodologies

- Developing risk-based control testing plans.
- Sampling techniques and evidence collection.
- Walkthrough procedures and transaction testing.
- Testing preventive and detective controls.
- Documenting testing results and exceptions.
- Case study: Wells Fargo's unauthorised customer accounts and internal control testing challenges in the United States.

Module 6: Control Evaluation and Effectiveness Assessment

- Evaluating control design adequacy.
- Assessing operating effectiveness.
- Identifying control deficiencies and material weaknesses.
- Developing control performance indicators.

- Reporting evaluation findings and recommendations.
- Case study: Tesco's 2014 accounting irregularities and financial reporting control weaknesses in the United Kingdom.

Module 7: Fraud Prevention, Detection and Investigation Controls

- Fraud risk indicators and early warning mechanisms.
- Anti-fraud policies and whistleblowing systems.
- Financial transaction monitoring and anomaly detection.
- Investigating suspected fraud and control breaches.
- Strengthening ethical culture and accountability.
- Case study: Siemens' international bribery scandal and improvements in corporate compliance controls.

Module 8: Technology-Driven Controls and Continuous Monitoring

- Information technology general controls and cybersecurity.
- Automated controls and access management.
- Data analytics and continuous auditing.
- Artificial intelligence applications in control monitoring.
- Control remediation, reporting and continuous improvement.
- Case study: Kenya Revenue Authority's iTax system and technology-enabled compliance monitoring.

Training Methodology

- Interactive presentations and expert-led discussions.
- Practical internal control design and assessment exercises.
- Group assignments and organisational risk simulations.
- International case studies and real-world scenarios.
- Internal control testing demonstrations and workshops.
- Practical evaluation exercises and action planning.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

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 DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/internal-control-systems-design-testing-and-evaluation-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.