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

Advanced Cost Accounting and Cost Allocation Techniques Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
10 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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Advanced Cost Accounting and Cost Allocation Techniques Training Course

Accounting and Finance • 10 Days Intensive • Accredited Certification

Course Overview

Advanced Cost Accounting and Cost Allocation Techniques Training Course is designed to equip finance professionals, management accountants, financial analysts, and business leaders with advanced knowledge and practical skills in modern cost management, strategic cost analysis, and financial performance optimisation.

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)
7 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
4 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
18 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
29 Mar 2027 – 9 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
12 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
26 Apr 2027 – 7 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
10 May 2027 – 21 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
24 May 2027 – 4 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
7 Jun 2027 – 18 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Jun 2027 – 2 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jul 2027 – 16 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jul 2027 – 30 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
2 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
16 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
30 Aug 2027 – 10 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
13 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
27 Sep 2027 – 8 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

11 Oct 2027 – 22 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
25 Oct 2027 – 5 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Nov 2027 – 19 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Nov 2027 – 3 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
6 Dec 2027 – 17 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Advanced Cost Accounting and Cost Allocation Techniques Training Course

Introduction

Advanced Cost Accounting and Cost Allocation Techniques Training Course is designed to equip finance professionals, management accountants, financial analysts, and business leaders with advanced knowledge and practical skills in modern cost management, strategic cost analysis, and financial performance optimisation. The course explores contemporary cost accounting frameworks, activity-based costing, cost behaviour analysis, overhead allocation, marginal costing, standard costing, process costing, and strategic cost management. Participants will gain practical insights into cost structures, cost drivers, resource utilisation, cost allocation models, and data-driven financial decision-making to enhance organisational efficiency, profitability, and financial sustainability.

The programme integrates internationally recognised accounting practices, emerging cost management technologies, and real-world business applications to strengthen financial planning, budgeting, and management control. Participants will examine advanced cost allocation methodologies, joint and by-product costing, transfer pricing, service department cost allocation, and enterprise-wide cost optimisation strategies. Through practical exercises and global case studies involving multinational corporations and leading industries, learners will develop the competencies required to improve cost transparency, strengthen internal controls, optimise resource allocation, and support strategic business decisions in increasingly competitive markets.

Course Objectives

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

- Apply advanced cost accounting principles and frameworks.
- Develop effective cost allocation methodologies.
- Analyse complex cost structures and cost drivers.
- Implement activity-based costing systems.
- Evaluate direct, indirect, fixed, and variable costs.
- Apply marginal costing and contribution analysis.
- Strengthen overhead allocation and cost control.
- Interpret cost-volume-profit relationships.
- Develop strategic cost management frameworks.
- Evaluate standard costing and variance analysis.
- Apply transfer pricing and responsibility accounting.
- Leverage digital tools for cost analytics and reporting.
- Improve profitability through data-driven cost optimisation.

Organizational Benefits

- Improved financial transparency and cost accountability.
- Enhanced resource allocation and utilisation.
- Reduced operational expenditure and inefficiencies.
- More accurate product and service costing.
- Strengthened budgeting and financial forecasting.
- Improved profitability analysis and performance measurement.
- Better strategic investment and pricing decisions.
- Stronger internal financial controls.
- Enhanced management reporting and decision-making.
- Sustainable competitive advantage through cost optimisation.

Target Audiences

- Chief Financial Officers and Finance Directors.
- Management Accountants and Cost Accountants.
- Financial Controllers and Finance Managers.
- Internal and External Auditors.
- Budgeting and Financial Planning Professionals.
- Procurement and Supply Chain Managers.
- Business Analysts and Operations Managers.
- Corporate Strategy and Performance Management Professionals.

Course Duration: 10 days

Course Modules

Module 1: Advanced Cost Accounting Frameworks

- Principles and evolution of advanced cost accounting.
- Strategic cost management frameworks.
- Cost classification and cost accumulation.
- Contemporary cost accounting standards and practices.
- Integrating cost accounting with organisational strategy.
- Case study: Toyota's global cost management and production efficiency.

Module 2: Cost Behaviour and Cost Structure Analysis

- Fixed, variable, semi-variable, and mixed costs.
- Cost estimation and forecasting techniques.
- High-low method and regression analysis.
- Relevant costs and differential cost analysis.
- Cost behaviour under changing production volumes.
- Case study: Amazon's distribution cost structure analysis.

Module 3: Activity-Based Costing and Management

- Fundamentals of activity-based costing.
- Identifying activities and cost pools.
- Selecting appropriate cost drivers.
- Activity-based management and performance improvement.
- Implementing activity-based costing systems.
- Case study: Coca-Cola's activity-based cost management applications.

Module 4: Advanced Overhead Allocation Techniques

- Traditional overhead allocation methods.
- Departmental overhead distribution.
- Machine-hour and labour-hour allocation.
- Multiple overhead recovery rates.
- Overhead absorption and under-absorption.
- Case study: Ford Motor Company's manufacturing overhead allocation.

Module 5: Service Department Cost Allocation

- Direct, step-down, and reciprocal methods.
- Interdepartmental service cost distribution.
- Simultaneous equation allocation techniques.
- Allocation of shared organisational resources.
- Evaluating service department efficiency.
- Case study: Hospital administration and shared service cost allocation.

Module 6: Process Costing and Joint Product Costing

- Process costing principles and applications.
- Equivalent units of production.
- Weighted-average and FIFO costing methods.
- Joint product and by-product costing.
- Accounting for normal and abnormal losses.
- Case study: Unilever's process manufacturing cost management.

Module 7: Standard Costing and Variance Analysis

- Establishing material and labour standards.
- Material price and usage variances.
- Labour rate and efficiency variances.
- Variable and fixed overhead variances.
- Corrective action and performance monitoring.
- Case study: Nestlé's manufacturing cost variance management.

Module 8: Marginal Costing and Contribution Analysis

- Marginal and absorption costing.
- Contribution margin calculations.
- Break-even and target profit analysis.
- Limiting factors and product mix decisions.
- Short-term profitability evaluation.
- Case study: Airline contribution analysis and route profitability.

Module 9: Cost-Volume-Profit Analysis

- Cost-volume-profit relationships.
- Break-even point calculations.
- Margin of safety and operating leverage.
- Multi-product CVP analysis.
- Scenario planning and sensitivity analysis.
- Case study: McDonald's pricing and profitability optimisation.

Module 10: Strategic Cost Management

- Strategic cost reduction frameworks.
- Value chain cost analysis.
- Target costing and lifecycle costing.
- Kaizen costing and continuous improvement.
- Competitor cost benchmarking.
- Case study: Toyota's lean manufacturing and continuous cost reduction.

Module 11: Transfer Pricing and Responsibility Accounting

- Transfer pricing principles and approaches.
- Market-based and cost-based transfer pricing.
- Responsibility centres and performance accountability.
- Divisional profitability measurement.
- International transfer pricing considerations.
- Case study: Multinational manufacturing group transfer pricing.

Module 12: Cost Allocation in Project Management

- Project cost identification and classification.
- Resource-based cost allocation.
- Project overhead distribution.
- Cost estimation and budget control.
- Project cost performance measurement.

- Case study: Global infrastructure project cost allocation practices.

Module 13: Technology-Driven Cost Accounting and Analytics

- Digital transformation in cost accounting.
- Enterprise Resource Planning integration.
- Artificial intelligence in cost forecasting.
- Data analytics and automated cost reporting.
- Real-time cost monitoring dashboards.
- Case study: Walmart's data-driven inventory and cost analytics.

Module 14: Cost Control, Budgeting and Performance Measurement

- Advanced budgeting and cost planning.
- Flexible and activity-based budgeting.
- Budgetary control and expenditure monitoring.
- Key performance indicators and cost efficiency.
- Strategic performance measurement frameworks.
- Case study: Siemens' enterprise-wide operational cost control.

Module 15: Integrated Cost Allocation and Strategic Decision-Making

- Integrating advanced cost allocation techniques.
- Evaluating outsourcing and make-or-buy decisions.
- Product pricing and profitability analysis.
- Cost optimisation and investment appraisal.
- Developing enterprise cost management strategies.
- Case study: Apple’s global supply chain cost management and strategic sourcing.

Training Methodology

- Expert-led interactive presentations and discussions.
- Practical cost accounting exercises and simulations.
- International business case studies and group analysis.
- Hands-on overhead allocation and variance calculations.
- Financial modelling and cost analytics demonstrations.
- Group projects, presentations, and knowledge assessments.
- Real-world problem-solving and strategic decision-making exercises.
- Individual assignments and professional experience sharing.

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/advanced-cost-accounting-and-cost-allocation-techniques-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.