Advanced Manufacturing Cost Accounting Training Course

10 – 14 May 2027
Addis Ababa

AGILE LEADERS
Training Center

Advanced Manufacturing Cost Accounting Training Course

Ref: 1105_224268 **Date:** 10 – 14 May 2027 **Location:** Addis Ababa **Fees:** 4500 Euro

Overview

Advanced Manufacturing Cost Accounting Training Course is a one-week course for manufacturing cost accountants, plant controllers, operations finance leaders, production managers and analysts, who leave with a Manufacturing Cost and Profitability Pack. Participants map cost flows, build standards, allocate overhead, reconcile work in progress, analyze variances, apply activity-based costing and test product profitability. The course connects accounting records with production and capacity decisions. Agile Leaders Training Center develops manufacturing cost accounting capability.

Who Should Attend

- Cost accounting teams responsible for product cost records and reconciliations
- Plant controllers responsible for standards, variances and inventory values
- Operations finance leaders responsible for capacity and profitability decisions
- Production functions responsible for bills, routings, yields and labor use
- Analysts responsible for cost-driver and margin evidence

The course assumes participants can interpret ledgers, production records and management reports, and it leaves out external-audit opinions, tax advice and system-specific configuration.

Departments and Industries

The course supports departments and industries where material, labor, overhead and capacity determine product economics.

- Cost accounting, plant finance, operations and production planning
- Supply chain, engineering, inventory control and commercial finance
- Industrial manufacturing, automotive and engineered products
- Food processing, pharmaceuticals and consumer goods
- Chemicals, building materials and electronics

Learning Objectives

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

- Build a manufacturing cost-flow and responsibility map
- Apply overhead allocation and normal-capacity principles
- Analyze material, labor and overhead variances
- Build an activity-based product cost model
- Evaluate work-in-progress and inventory valuation evidence
- Prioritize product, capacity and profitability decisions

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Course Agenda

Day 1: Manufacturing Cost Flows

- Manufacturing Cost-Flow and Ledger Map
- Bill of Materials Cost Structure
- Production Routing and Labor Standard Sheet
- Work-in-Progress Movement Reconciliation
- Finished-Goods Cost Rollup

Day 2: Overhead and Capacity

- Fixed and Variable Overhead Pool Design
- Production Cost Allocation Base Matrix
- IAS 2 Normal-Capacity Allocation Model
- Idle-Capacity and Unallocated Cost Bridge
- Joint Product and By-Product Allocation Method

Day 3: Standards and Variances

- Material, Labor and Overhead Standard Cost Card
- Purchase Price and Material Usage Variance Tree
- Labor Rate and Efficiency Variance Analysis
- Variable and Fixed Overhead Variance Bridge
- Variance Ownership and Root-Cause Register

Day 4: Activity Costing and Profitability

- Resource-to-Activity Cost Map
- Activity Cost Pool and Driver Dictionary
- Product and Customer Cost Object Model
- Product Contribution and Profitability Ladder
- Capacity, Mix and Make-or-Buy Decision Grid

Day 5: Manufacturing Cost Decision Practice

- Exercise: Reconcile Cost Flows and Work in Progress
- Exercise: Allocate Overhead at Normal Capacity
- Exercise: Diagnose Standard Cost Variances
- Exercise: Compare Product Profitability and Capacity Choices
- Capstone Exercise: Manufacturing Cost and Profitability Pack

Practical Exercises

The course uses suggested activities to convert production records into cost and profitability decisions.

- Suggested activity: trace material and labor through a food-processing cost flow
- Suggested activity: allocate plant overhead and isolate idle-capacity cost
- Suggested activity: explain standard-cost variances through operational drivers
- Suggested activity: compare product margins under volume, mix and activity scenarios

FAQs

Who suits manufacturing cost accounting training, and what does it assume?

Cost accountants, plant controllers, operations finance leaders, production managers and analysts suit the training. It assumes practical familiarity with ledgers, production data and management reports.

How does manufacturing cost accounting differ from general financial accounting?

Manufacturing cost accounting traces material, labor, overhead, work in progress and capacity to products and decisions, while financial accounting concentrates on organization-level recognition and reporting.

How should manufacturing overhead be allocated?

Manufacturing overhead should be grouped by cost behavior and production purpose, then allocated through rational bases that reflect resource use and normal capacity.

Why does standard costing matter in manufacturing?

Standard costing creates expected material, labor and overhead benchmarks that can be compared with actual results to isolate price, usage, rate, efficiency, spending and volume effects.

When should manufacturing use activity-based costing?

Activity-based costing is useful when products, customers or channels consume indirect resources differently and conventional volume-based allocations distort cost and profitability evidence.

Conclusion

Participants take back a Manufacturing Cost and Profitability Pack containing cost-flow maps, standards, overhead models, variance trees, activity-cost drivers, inventory reconciliations and profitability ladders. The pack makes production resource use and cost consequences traceable. It supports plant decisions about pricing, mix, capacity, process improvement and product economics.