Construction Cost Control Training Course

Professional Development Training Course Outline

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

Course Introduction

Construction Cost Control Training Course is designed to equip professionals with advanced skills in construction cost management, project financial optimization, budget forecasting, cost monitoring, and profitability improvement. In today's competitive construction industry, effective cost control strategies, digital construction technologies, Building Information Modeling (BIM), data-driven decision-making, and sustainable project management practices are essential for delivering projects within budget and achieving maximum return on investment. This comprehensive program focuses on practical techniques to manage construction budgets, cost estimation, procurement expenses, resource utilization, variation control, and financial risks throughout the project lifecycle.

This industry-focused training develops expertise in modern cost engineering, project controls, earned value management (EVM), quantity surveying, contract cost management, and AI-enabled construction analytics. Participants will learn from real-world construction cost control case studies, global best practices, and practical tools used by leading construction organizations. The course empowers professionals to improve cost efficiency, project performance, cash flow management, and strategic financial decision-making while reducing cost overruns and enhancing project delivery success.

Programme Curriculum

Construction Cost Control Training Course

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Course Duration

5 days

Course Objectives

1. Develop advanced knowledge of construction cost control frameworks and best practices.
2. Master construction cost estimation, budgeting, and financial forecasting techniques.
3. Understand project cost planning and lifecycle cost management strategies.
4. Apply digital construction technologies and AI-based cost monitoring tools.
5. Improve skills in quantity surveying and cost measurement techniques.
6. Implement effective earned value management (EVM) and project performance analysis.
7. Learn methods for controlling construction variations, claims, and change orders.
8. Enhance expertise in procurement cost optimization and supplier management.
9. Manage construction risks, contingencies, and financial uncertainties.
10. Develop strategies for reducing construction cost overruns and waste.
11. Apply data analytics and dashboards for real-time cost reporting.
12. Improve contract cost management and commercial project controls.
13. Build leadership capabilities for strategic construction financial management.

Target Audience

1. Construction Project Managers
2. Cost Engineers and Project Control Engineers
3. Quantity Surveyors
4. Civil Engineers and Site Engineers
5. Construction Managers and Supervisors
6. Procurement and Contract Management Professionals
7. Architects and Design Consultants
8. Real Estate Developers and Investors

Course Modules

Module 1: Fundamentals of Construction Cost Control

- Principles of **construction cost management and project financial control**
- Construction cost lifecycle from planning to project completion
- Cost control processes, systems, and reporting structures
- Identifying cost drivers and managing construction expenses
- **Case Study:** Cost control framework implementation in a large commercial building project

Module 2: Construction Cost Estimation and Budget Development

- Techniques for accurate **construction cost estimation and forecasting**
- Quantity take-off methods and measurement standards
- Developing project budgets and cost breakdown structures (CBS)
- Managing preliminary costs, direct costs, and indirect costs
- **Case Study:** Budget optimization for a high-rise residential development

Module 3: Quantity Surveying and Cost Planning

- Advanced quantity surveying principles and applications
- Cost planning during design and pre-construction stages
- BOQ preparation and cost benchmarking techniques
- Value engineering for construction cost reduction
- **Case Study:** Value engineering analysis for infrastructure cost savings

Module 4: Digital Construction Cost Control

- Using **BIM, AI, and digital tools for cost management**
- Construction data analytics and real-time cost dashboards
- Integrating project management software with cost systems
- Digital tracking of resources, materials, and productivity
- **Case Study:** BIM-based cost forecasting for a complex engineering project

Module 5: Earned Value Management and Project Performance Control

- Understanding **EVM concepts and project performance indicators**
- Measuring cost performance index (CPI) and schedule performance index (SPI)
- Budget tracking and variance analysis techniques
- Developing cost performance reports and dashboards
- **Case Study:** EVM application in a delayed construction project recovery plan

Module 6: Procurement, Contracts, and Cost Risk Management

- Managing procurement costs and supplier performance
- Contract cost control strategies and commercial management
- Handling variations, claims, and change orders
- Construction risk identification and mitigation planning
- **Case Study:** Controlling contract variations in a major infrastructure project

Module 7: Cash Flow Management and Cost Optimization

- Developing construction cash flow forecasts
- Managing payment cycles and financial planning
- Reducing material waste and improving resource efficiency
- Applying lean construction principles for cost savings
- **Case Study:** Cash flow improvement strategy for a mixed-use development project

Module 8: Advanced Construction Cost Control Leadership

- Strategic approaches to construction financial management
- Creating executive-level cost reports and insights

- Implementing continuous improvement cost strategies
- Leading cost control teams and stakeholder communication
- **Case Study:** Global construction project turnaround through cost optimization

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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

Start Date	End Date	Location	Price
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

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

Register Online Now

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