CostX Software 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

The CostX Software Training Course is designed for professionals seeking advanced skills in automated quantity takeoff, cost planning, tender management, and construction data analytics. CostX is a leading BIM estimating software platform that enables quantity surveyors, estimators, contractors, architects, and project managers to improve accuracy, efficiency, and collaboration throughout the construction lifecycle. This course provides practical expertise in 2D and 3D takeoff workflows, BIM model integration, cost databases, measurement automation, and digital construction transformation.

Through real-world projects, hands-on exercises, and industry-based case studies, participants will learn how to leverage CostX for smart construction estimating, AI-enabled workflows, cloud collaboration, and advanced cost control strategies. The training focuses on modern AEC industry trends, including BIM implementation, digital twins, sustainable construction, parametric estimating, and data-driven decision-making, helping professionals enhance productivity and deliver accurate project cost outcomes in competitive construction environments.

Programme Curriculum

CostX Software Training Course

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5 days

Course Objectives

By completing this **CostX Software Training Course**, participants will be able to:

1. Master BIM-based quantity takeoff and digital measurement workflows using CostX.
2. Develop advanced skills in construction cost estimation and cost planning automation.
3. Create and manage accurate 2D drawings and 3D BIM model measurements.
4. Apply 5D BIM cost management principles for modern construction projects.
5. Improve estimating accuracy through automated quantity extraction technologies.
6. Understand digital transformation strategies in the AEC industry.
7. Build professional skills in tender preparation and bid management workflows.
8. Integrate CostX with BIM coordination and project collaboration platforms.
9. Manage cost databases, rate libraries, and customized estimating templates.
10. Perform advanced construction analytics and cost forecasting.
11. Apply industry best practices for quantity surveying automation.
12. Improve project profitability through data-driven cost control techniques.
13. Develop career-ready expertise in smart construction technology and BIM innovation.

Target Audience

1. Quantity Surveyors and Cost Consultants
2. Construction Estimators and Pre-Contract Professionals
3. BIM Modelers and BIM Coordinators
4. Civil, Structural, and Architectural Engineers
5. Project Managers and Construction Managers
6. Contractors and Subcontractors
7. Real Estate Developers and Cost Planners
8. Students and Professionals entering Digital Construction Careers

Course Modules

Module 1: Introduction to CostX and Digital Construction Estimating

- Overview of CostX software capabilities and construction estimating workflows
- Understanding BIM-based quantity surveying and digital measurement concepts
- CostX interface navigation, project setup, and file management
- Introduction to 2D drawings, BIM models, and measurement automation
- Case Study: Implementing CostX for a commercial building cost estimation project

Module 2: 2D Drawing Measurement and Quantity Takeoff

- Importing PDF, CAD, and digital drawings into CostX
- Performing accurate automated and manual quantity measurements
- Creating dimension groups and measurement templates
- Managing revisions and drawing comparisons
- Case Study: Quantity takeoff optimization for a residential development project

Module 3: 3D BIM Model Integration and 5D BIM Workflows

- Importing Revit and IFC models into CostX
- Extracting quantities from BIM elements automatically
- Understanding 5D BIM cost integration processes
- Linking model objects with cost information
- Case Study: BIM-based cost planning for a high-rise construction project

Module 4: Advanced Estimating and Cost Planning

- Creating detailed construction cost estimates
- Developing cost structures and pricing databases
- Managing labor, material, and equipment rates
- Applying cost escalation and forecasting techniques
- Case Study: Preparing an accurate tender estimate for an infrastructure project

Module 5: Cost Database Management and Reporting

- Creating customized rate libraries and cost databases
- Managing project templates and estimating standards
- Generating professional cost reports and summaries
- Exporting data for stakeholder presentations
- Case Study: Developing a centralized cost database for a construction company

Module 6: Tender Preparation and Project Cost Control

- Preparing competitive tender documentation
- Improving bid accuracy using digital estimating tools
- Tracking variations and cost changes
- Supporting procurement and contract management processes
- Case Study: Tender evaluation and cost control for a commercial project

Module 7: Advanced BIM Collaboration and Industry Applications

- Integrating CostX with modern BIM workflows
- Supporting multidisciplinary project collaboration
- Understanding cloud-based construction management trends
- Applying digital twin and smart construction concepts
- Case Study: Collaborative BIM estimating workflow for a global construction project

Module 8: Professional CostX Project Workshop

- Complete project workflow from drawings to final estimate
- Creating professional quantity takeoff reports
- Applying advanced CostX features and productivity techniques
- Reviewing industry standards and best practices

- Case Study: End-to-end CostX implementation for a real-world construction project

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
23 Nov 2026	27 Nov 2026	Physical	$1,500

Start Date	End Date	Location	Price
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