

CONSTRUCTION MANAGEMENT | CM-022

Construction Cost Estimating

Contact

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Course content

Why Attend

Accurate cost estimates are the foundation of construction budgets, bids and investment decisions. Estimating errors can turn profitable projects into losses.

This Aractech course covers estimate types and accuracy, quantity take-off, unit rate build-up, labour, plant and materials pricing, indirect costs, risk and contingency, escalation, estimating software and bid preparation. Participants prepare an estimate for a case project.

Course Methodology

- Practical estimating exercises
- Case project
- Spreadsheet tools
- Group reviews
- Discussions

Course Objectives

- Explain estimate types and accuracy
- Perform quantity take-off
- Build unit rates for labour, plant and materials
- Estimate indirect costs and overheads
- Apply risk, contingency and escalation
- Prepare bids and estimate reports

Target Audience

- Cost estimators
- Quantity surveyors

Course content

- Construction managers
- Project engineers

Course outline

Detailed course outline

Day-by-day outline for Construction Cost Estimating.

Day 1 - Estimating Fundamentals

- 09:00-09:45 | Estimate types
- 09:45-10:30 | Accuracy
- 10:30-11:00 | Estimating process
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Estimating process (continued)
- 11:45-12:30 | Data sources
- 12:30-14:00 | Exercise: Estimate classification

Day 2 - Quantities

- 09:00-09:45 | Take-off methods
- 09:45-10:30 | Measurement rules
- 10:30-11:00 | Digital take-off
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Digital take-off (continued)
- 11:45-12:30 | Checking
- 12:30-14:00 | Lab: Quantity take-off

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Day 3 - Unit Rates

- 09:00-09:45 | Labour rates
- 09:45-10:30 | Plant costs
- 10:30-11:00 | Materials
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Materials (continued)
- 11:45-12:30 | Productivity
- 12:30-14:00 | Lab: Rate build-up

Day 4 - Indirects and Risk

- 09:00-09:45 | Site overheads
- 09:45-10:30 | Preliminaries
- 10:30-11:00 | Contingency
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Contingency (continued)
- 11:45-12:30 | Escalation
- 12:30-14:00 | Exercise: Risk allowance

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Day 5 - Bids and Reports

- 09:00-09:54 | Bid strategy
- 09:54-10:48 | Estimate review
- 10:48-11:00 | Reports
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Reports (continued)
- 12:12-13:06 | Lessons learned
- 13:06-14:00 | Capstone: Project estimate

Seminar dates

Available seminar dates

Live dates and pricing for Construction Cost Estimating generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Amsterdam	Classroom	€2,830
14 - 18 December 2026	London	Classroom	€2,315
18 - 22 January 2027	Barcelona	Classroom	€2,815
15 - 19 February 2027	Rome	Classroom	€3,460
15 - 19 March 2027	Munich	Classroom	€3,225
19 - 23 April 2027	Amsterdam	Classroom	€2,830
17 - 21 May 2027	London	Classroom	€2,315
21 - 25 June 2027	Amsterdam	Classroom	€2,830
19 - 23 July 2027	London	Classroom	€2,315
16 - 20 August 2027	Barcelona	Classroom	€2,815

Seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Rome	Classroom	€3,460
18 - 22 October 2027	Munich	Classroom	€3,225
15 - 19 November 2027	Amsterdam	Classroom	€2,830
20 - 24 December 2027	London	Classroom	€2,315
9 - 13 November 2026	Online / Live	Online / Live	€1,815
14 - 18 December 2026	Online / Live	Online / Live	€1,815
18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
15 - 19 March 2027	Online / Live	Online / Live	€1,815
19 - 23 April 2027	Online / Live	Online / Live	€1,815

Seminar dates

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Date	Location	Format	Fee
17 - 21 May 2027	Online / Live	Online / Live	€1,815
21 - 25 June 2027	Online / Live	Online / Live	€1,815
19 - 23 July 2027	Online / Live	Online / Live	€1,815
16 - 20 August 2027	Online / Live	Online / Live	€1,815
20 - 24 September 2027	Online / Live	Online / Live	€1,815
18 - 22 October 2027	Online / Live	Online / Live	€1,815
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