



CONTRACTS MANAGEMENT | CON-017

Quantity Surveying and Contract Valuation

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Course content

Why Attend

Quantity surveyors manage costs and valuations on construction and engineering contracts. Accurate measurement and valuation protect both client and contractor.

This Aractech course covers measurement principles, bills of quantities, cost planning, interim valuations, variations valuation, final accounts, cost reporting and dispute avoidance. Participants practise measurement and valuation exercises.

Course Methodology

- Measurement exercises
- Valuation workshops
- Case studies
- Group discussions
- Reviews

Course Objectives

- Apply measurement principles
- Prepare and use bills of quantities
- Produce cost plans
- Prepare interim valuations
- Value variations
- Agree final accounts

Target Audience

- Quantity surveyors
- Cost engineers

Course content

- Contract administrators
- Project managers

Course outline

Detailed course outline

Day-by-day outline for Quantity Surveying and Contract Valuation.

Day 1 - Quantity Surveying Fundamentals

- 09:00-09:45 | Role of the QS
- 09:45-10:30 | Measurement standards
- 10:30-11:00 | Drawings and specifications
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Drawings and specifications (continued)
- 11:45-12:30 | Cost data
- 12:30-14:00 | Exercise: Measurement basics

Day 2 - Bills of Quantities and Cost Planning

- 09:00-09:45 | Bills of quantities
- 09:45-10:30 | Cost planning
- 10:30-11:00 | Estimates
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Estimates (continued)
- 11:45-12:30 | Value management
- 12:30-14:00 | Lab: Cost plan

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Day 3 - Interim Valuations

- 09:00-09:45 | Valuation process
- 09:45-10:30 | Materials on site
- 10:30-11:00 | Retentions
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Retentions (continued)
- 11:45-12:30 | Certification
- 12:30-14:00 | Exercise: Interim valuation

Day 4 - Variations

- 09:00-09:45 | Variation valuation
- 09:45-10:30 | Rates
- 10:30-11:00 | Daywork
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Daywork (continued)
- 11:45-12:30 | Records
- 12:30-14:00 | Case study: Variation dispute

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Day 5 - Final Accounts

- 09:00-09:45 | Final account preparation
- 09:45-10:30 | Negotiation
- 10:30-11:00 | Reporting
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Reporting (continued)
- 11:45-12:30 | Lessons learned
- 12:30-14:00 | Capstone: Final account exercise

Seminar dates

Available seminar dates

Live dates and pricing for Quantity Surveying and Contract Valuation generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Munich	Classroom	€3,225
14 - 18 December 2026	Amsterdam	Classroom	€2,830
18 - 22 January 2027	Kuala lumpur	Classroom	€1,925
15 - 19 February 2027	Barcelona	Classroom	€2,815
15 - 19 March 2027	London	Classroom	€2,315
19 - 23 April 2027	Munich	Classroom	€3,225
17 - 21 May 2027	Rome	Classroom	€3,460
21 - 25 June 2027	Geneva	Classroom	€4,315
19 - 23 July 2027	Amsterdam	Classroom	€2,830
16 - 20 August 2027	Kuala lumpur	Classroom	€1,925

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21 - 25 June 2027	Online / Live	Online / Live	€1,815
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16 - 20 August 2027	Online / Live	Online / Live	€1,815
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