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CONSTRUCTION MANAGEMENT | CM-040

Construction Claims Quantum and Cost Substantiation

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Course content

Why Attend

Establishing entitlement to additional time or money is only half of a successful construction claim. The other half is quantum: proving, with reliable records and sound methods, exactly how much the claimant is owed. Many claims fail or are heavily reduced not because entitlement is weak but because costs are poorly substantiated, double counted or calculated using inappropriate methods.

This Construction Claims Quantum and Cost Substantiation training course provides a detailed, practical understanding of how to prepare, present and evaluate the financial value of construction claims. Participants learn about heads of claim, the valuation of variations, prolongation and disruption costs, head office overheads, loss of productivity, finance charges and the records needed to support each element.

Course Methodology

• The course uses worked examples, sample claim documents and case studies based on realistic projects. Participants value variations, calculate prolongation and disruption costs, test overhead formulae and review a quantum submission to identify weaknesses. Group discussion compares contractor and employer perspectives.

Course Objectives

• Explain the relationship between entitlement, causation and quantum

• Identify the main heads of claim in construction disputes

• Value variations using contract rates, fair rates and actual cost

• Calculate time-related prolongation costs accurately

• Apply recognised methods to quantify disruption and lost productivity

• Evaluate head office overhead and profit claims

Target Audience

• Quantity surveyors and cost managers

• Commercial and contracts managers

• Claims consultants and analysts

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• Project managers and project directors

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Course outline

Detailed course outline

Day-by-day outline for Construction Claims Quantum and Cost Substantiation.

Day 1 - Foundations of Claims Quantum

- 09:00-09:34 | Entitlement, causation and quantum explained
- 09:34-10:08 | Contractual and legal bases for financial recovery
- 10:08-10:42 | Common heads of claim in construction projects
- 10:42-11:00 | Global claims and the risks of composite approaches
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Global claims and the risks of composite approaches (continued)
- 11:46-12:20 | Burden of proof and standards of evidence
- 12:20-12:53 | Reasons quantum claims are reduced or rejected
- 12:53-14:00 | Exercise: identifying heads of claim in a case study

Day 2 - Valuing Variations and Changes

- 09:00-09:34 | Contract valuation rules for variations
- 09:34-10:08 | Using bill rates, star rates and fair valuation
- 10:08-10:42 | Valuing omissions, additions and substituted work
- 10:42-11:00 | Dayworks and actual cost records
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Dayworks and actual cost records (continued)
- 11:46-12:20 | Changes affecting the value of unchanged work
- 12:20-12:53 | Agreeing variations promptly to avoid disputes
- 12:53-14:00 | Exercise: valuing a set of variations

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Day 3 - Prolongation and Time-Related Costs

- 09:00-09:34 | Linking delay analysis with time-related cost recovery
- 09:34-10:08 | Site establishment and preliminaries costs
- 10:08-10:42 | Staff, plant and equipment prolongation costs
- 10:42-11:00 | Concurrent delay and its effect on cost recovery
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Concurrent delay and its effect on cost recovery (continued)
- 11:46-12:20 | Acceleration costs and mitigation measures
- 12:20-12:53 | Assessing subcontractor prolongation and delay claims
- 12:53-14:00 | Workshop: calculating prolongation costs

Day 4 - Disruption, Overheads and Finance Charges

- 09:00-09:34 | Defining disruption and loss of productivity
- 09:34-10:08 | Measured mile and other productivity comparison methods
- 10:08-10:42 | Earned value approaches to disruption
- 10:42-11:00 | Head office overhead formulae and their limitations
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Head office overhead formulae and their limitations (continued)
- 11:46-12:20 | Loss of profit and opportunity claims
- 12:20-12:53 | Finance charges, interest and claim preparation costs
- 12:53-14:00 | Exercise: quantifying disruption using a measured mile

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Day 5 - Records, Presentation and Assessment

- 09:00-09:39 | Contemporary records needed to support quantum
- 09:39-10:18 | Cost reports, timesheets, invoices and ledgers
- 10:18-10:57 | Presenting quantum clearly in claim submissions
- 10:57-11:00 | Avoiding duplication and inflated claims
- 11:00-11:30 | Coffee break
- 11:30-12:06 | Avoiding duplication and inflated claims (continued)
- 12:06-12:44 | Evaluating quantum as an employer or consultant
- 12:44-13:22 | Quantum experts in adjudication and arbitration
- 13:22-14:00 | Personal action plan for claims quantum

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Seminar dates

Available seminar dates

Live dates and pricing for Construction Claims Quantum and Cost Substantiation generated from the course details page.

Date	Location	Format	Fee
14 - 18 December 2026	London	Classroom	**€2,915**
21 - 25 December 2026	Barcelona	Classroom	**€2,275**
7 - 11 December 2026	Frankfurt	Classroom	**€2,175**
11 - 15 January 2027	London	Classroom	**€2,915**
18 - 22 January 2027	Barcelona	Classroom	**€2,275**
25 - 29 January 2027	Frankfurt	Classroom	**€2,175**
4 - 8 January 2027	Geneva	Classroom	**€3,315**
15 - 19 February 2027	London	Classroom	**€2,915**
22 - 26 February 2027	Barcelona	Classroom	**€2,275**
1 - 5 February 2027	Frankfurt	Classroom	**€2,175**

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Seminar dates

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Date	Location	Format	Fee
8 - 12 February 2027	Istanbul	Classroom	**€2,825**
22 - 26 March 2027	London	Classroom	**€2,915**
1 - 5 March 2027	Barcelona	Classroom	**€2,275**
8 - 12 March 2027	Frankfurt	Classroom	**€2,175**
15 - 19 March 2027	Kuala lumpur	Classroom	**€2,425**
5 - 9 April 2027	London	Classroom	**€2,915**
12 - 16 April 2027	Barcelona	Classroom	**€2,275**
19 - 23 April 2027	Frankfurt	Classroom	**€2,175**
26 - 30 April 2027	Madrid	Classroom	**€3,400**
10 - 14 May 2027	London	Classroom	**€2,915**

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Seminar dates

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Live dates and pricing for Construction Claims Quantum and Cost Substantiation generated from the course details page.

Date	Location	Format	Fee
17 - 21 May 2027	Barcelona	Classroom	**€2,275**
24 - 28 May 2027	Frankfurt	Classroom	**€2,175**
3 - 7 May 2027	Munich	Classroom	**€2,425**
14 - 18 June 2027	London	Classroom	**€2,915**
21 - 25 June 2027	Barcelona	Classroom	**€2,275**
7 - 11 June 2027	Frankfurt	Classroom	**€2,175**
26 - 30 July 2027	London	Classroom	**€2,915**
5 - 9 July 2027	Barcelona	Classroom	**€2,275**
12 - 16 July 2027	Frankfurt	Classroom	**€2,175**
19 - 23 July 2027	Rome	Classroom	**€2,830**

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Seminar dates

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Date	Location	Format	Fee
2 - 6 August 2027	London	Classroom	**€2,915**
9 - 13 August 2027	Barcelona	Classroom	**€2,275**
16 - 20 August 2027	Frankfurt	Classroom	**€2,175**
23 - 27 August 2027	Vienna	Classroom	**€3,425**
13 - 17 September 2027	London	Classroom	**€2,915**
20 - 24 September 2027	Barcelona	Classroom	**€2,275**
6 - 10 September 2027	Frankfurt	Classroom	**€2,175**
18 - 22 October 2027	London	Classroom	**€2,915**
25 - 29 October 2027	Barcelona	Classroom	**€2,275**
4 - 8 October 2027	Frankfurt	Classroom	**€2,175**

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Seminar dates

Available seminar dates

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Date	Location	Format	Fee
11 - 15 October 2027	Cape Town	Classroom	**€1,825**
22 - 26 November 2027	London	Classroom	**€2,915**
1 - 5 November 2027	Barcelona	Classroom	**€2,275**
8 - 12 November 2027	Frankfurt	Classroom	**€2,175**
15 - 19 November 2027	Dubai	Classroom	**€2,845**
6 - 10 December 2027	London	Classroom	**€2,915**
13 - 17 December 2027	Barcelona	Classroom	**€2,275**
20 - 24 December 2027	Frankfurt	Classroom	**€2,175**
27 - 31 December 2027	Geneva	Classroom	**€3,315**
14 - 18 December 2026	Online / Live	Online / Live	**€1,625**

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Live dates and pricing for Construction Claims Quantum and Cost Substantiation generated from the course details page.

Date	Location	Format	Fee
21 - 25 December 2026	Online / Live	Online / Live	**€1,625**
7 - 11 December 2026	Online / Live	Online / Live	**€1,625**
11 - 15 January 2027	Online / Live	Online / Live	**€1,625**
18 - 22 January 2027	Online / Live	Online / Live	**€1,625**
25 - 29 January 2027	Online / Live	Online / Live	**€1,625**
4 - 8 January 2027	Online / Live	Online / Live	**€1,625**
15 - 19 February 2027	Online / Live	Online / Live	**€1,625**
22 - 26 February 2027	Online / Live	Online / Live	**€1,625**
1 - 5 February 2027	Online / Live	Online / Live	**€1,625**
8 - 12 February 2027	Online / Live	Online / Live	**€1,625**

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Date	Location	Format	Fee
22 - 26 March 2027	Online / Live	Online / Live	**€1,625**
1 - 5 March 2027	Online / Live	Online / Live	**€1,625**
8 - 12 March 2027	Online / Live	Online / Live	**€1,625**
15 - 19 March 2027	Online / Live	Online / Live	**€1,625**
5 - 9 April 2027	Online / Live	Online / Live	**€1,625**
12 - 16 April 2027	Online / Live	Online / Live	**€1,625**
19 - 23 April 2027	Online / Live	Online / Live	**€1,625**
26 - 30 April 2027	Online / Live	Online / Live	**€1,625**
10 - 14 May 2027	Online / Live	Online / Live	**€1,625**
17 - 21 May 2027	Online / Live	Online / Live	**€1,625**

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24 - 28 May 2027	Online / Live	Online / Live	**€1,625**
3 - 7 May 2027	Online / Live	Online / Live	**€1,625**
14 - 18 June 2027	Online / Live	Online / Live	**€1,625**
21 - 25 June 2027	Online / Live	Online / Live	**€1,625**
7 - 11 June 2027	Online / Live	Online / Live	**€1,625**
26 - 30 July 2027	Online / Live	Online / Live	**€1,625**
5 - 9 July 2027	Online / Live	Online / Live	**€1,625**
12 - 16 July 2027	Online / Live	Online / Live	**€1,625**
19 - 23 July 2027	Online / Live	Online / Live	**€1,625**
2 - 6 August 2027	Online / Live	Online / Live	**€1,625**

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9 - 13 August 2027	Online / Live	Online / Live	**€1,625**
16 - 20 August 2027	Online / Live	Online / Live	**€1,625**
23 - 27 August 2027	Online / Live	Online / Live	**€1,625**
13 - 17 September 2027	Online / Live	Online / Live	**€1,625**
20 - 24 September 2027	Online / Live	Online / Live	**€1,625**
6 - 10 September 2027	Online / Live	Online / Live	**€1,625**
18 - 22 October 2027	Online / Live	Online / Live	**€1,625**
25 - 29 October 2027	Online / Live	Online / Live	**€1,625**
4 - 8 October 2027	Online / Live	Online / Live	**€1,625**
11 - 15 October 2027	Online / Live	Online / Live	**€1,625**

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8 - 12 November 2027	Online / Live	Online / Live	**€1,625**
15 - 19 November 2027	Online / Live	Online / Live	**€1,625**
6 - 10 December 2027	Online / Live	Online / Live	**€1,625**
13 - 17 December 2027	Online / Live	Online / Live	**€1,625**
20 - 24 December 2027	Online / Live	Online / Live	**€1,625**
27 - 31 December 2027	Online / Live	Online / Live	**€1,625**