



CONSTRUCTION MANAGEMENT | CM-026

Modular and Prefabricated Construction

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Course content

Why Attend

Modular and prefabricated construction moves work from site to factory, improving speed, quality and safety while reducing waste. Adoption requires different design, procurement and logistics approaches.

This Aractech course covers off-site construction methods, design for manufacture and assembly, business case, procurement and contracts, factory quality, transport and installation, interfaces and regulatory approvals. Participants evaluate modular options for a project.

Course Methodology

- Case studies
- Option evaluation workshop
- Group discussions
- Design exercises
- Reviews

Course Objectives

- Explain modular and prefabricated construction methods
- Apply design for manufacture and assembly
- Build business cases for off-site construction
- Procure and contract off-site solutions
- Manage factory quality, transport and installation
- Coordinate interfaces and approvals

Target Audience

- Construction and project managers
- Developers and clients

Course content

- Architects and engineers
- Procurement professionals

Course outline

Detailed course outline

Day-by-day outline for Modular and Prefabricated Construction.

Day 1 - Off-Site Construction

- 09:00-09:45 | Methods
- 09:45-10:30 | Benefits
- 10:30-11:00 | Limitations
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Limitations (continued)
- 11:45-12:30 | Market trends
- 12:30-14:00 | Exercise: Suitability assessment

Day 2 - Design for Manufacture

- 09:00-09:45 | DfMA principles
- 09:45-10:30 | Standardisation
- 10:30-11:00 | Tolerances
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Tolerances (continued)
- 11:45-12:30 | Early involvement
- 12:30-14:00 | Workshop: DfMA review

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Day 3 - Business Case and Procurement

- 09:00-09:45 | Cost and programme
- 09:45-10:30 | Procurement routes
- 10:30-11:00 | Contracts
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Contracts (continued)
- 11:45-12:30 | Risk
- 12:30-14:00 | Exercise: Business case

Day 4 - Factory to Site

- 09:00-09:45 | Factory quality
- 09:45-10:30 | Transport
- 10:30-11:00 | Installation
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Installation (continued)
- 11:45-12:30 | Interfaces
- 12:30-14:00 | Case study: Modular project

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| Day 5 - Approvals and Future

- 09:00-09:54 | Regulations
- 09:54-10:48 | Warranties
- 10:48-11:00 | Digital tools
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Digital tools (continued)
- 12:12-13:06 | Future trends
- 13:06-14:00 | Capstone: Modular delivery plan

Seminar dates

Available seminar dates

Live dates and pricing for Modular and Prefabricated Construction generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Barcelona	Classroom	€2,815
14 - 18 December 2026	Paris	Classroom	€3,825
18 - 22 January 2027	London	Classroom	€2,315
15 - 19 February 2027	Amsterdam	Classroom	€2,830
15 - 19 March 2027	London	Classroom	€2,315
19 - 23 April 2027	Istanbul	Classroom	€1,978
17 - 21 May 2027	Vienna	Classroom	€3,225
21 - 25 June 2027	Barcelona	Classroom	€2,815
19 - 23 July 2027	Cape Town	Classroom	€1,625
16 - 20 August 2027	London	Classroom	€2,315

Seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Amsterdam	Classroom	€2,830
18 - 22 October 2027	London	Classroom	€2,315
15 - 19 November 2027	Istanbul	Classroom	€1,978
20 - 24 December 2027	Vienna	Classroom	€3,225
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

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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
15 - 19 November 2027	Online / Live	Online / Live	€1,815
20 - 24 December 2027	Online / Live	Online / Live	€1,815