

CONSTRUCTION MANAGEMENT | CM-036

# Construction Productivity and Labour Management

## Contact

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## Address

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# Course content

## Why Attend

Labour is a major cost and source of risk in construction. Improving productivity requires better planning, supervision, methods and workforce management.

This Aractech course covers measuring construction productivity, labour planning, crew sizing, supervision, work methods, technology and digital tools, workforce welfare and retention, and productivity improvement programmes. Participants analyse productivity data and plan improvements.

## Course Methodology

- Data analysis exercises
- Case studies
- Planning workshops
- Group discussions
- Action planning

## Course Objectives

- Measure construction productivity
- Plan labour resources and crew sizes
- Improve supervision and work methods
- Use technology to raise productivity
- Manage workforce welfare and retention
- Implement productivity improvement programmes

## Target Audience

- Construction managers
- Site supervisors

# Course content

- Planners
- Project managers

# Course outline

## Detailed course outline

Day-by-day outline for Construction Productivity and Labour Management.

### Day 1 - Construction Productivity

- 09:00-09:45 | Productivity concepts
- 09:45-10:30 | Measurement
- 10:30-11:00 | Benchmarks
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Benchmarks (continued)
- 11:45-12:30 | Loss factors
- 12:30-14:00 | Exercise: Productivity analysis

### Day 2 - Labour Planning

- 09:00-09:45 | Labour histograms
- 09:45-10:30 | Crew sizing
- 10:30-11:00 | Skills
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Skills (continued)
- 11:45-12:30 | Subcontractor labour
- 12:30-14:00 | Workshop: Labour plan

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### Day 3 - Supervision and Methods

- 09:00-09:45 | Supervision
- 09:45-10:30 | Work methods
- 10:30-11:00 | Short-interval planning
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Short-interval planning (continued)
- 11:45-12:30 | Prefabrication
- 12:30-14:00 | Exercise: Method improvement

### Day 4 - Technology and People

- 09:00-09:45 | Digital tools
- 09:45-10:30 | Welfare
- 10:30-11:00 | Retention
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Retention (continued)
- 11:45-12:30 | Training
- 12:30-14:00 | Case study: Productivity improvement

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### **Day 5 - Improvement Programmes**

- 09:00-09:54 | KPIs
- 09:54-10:48 | Programmes
- 10:48-11:00 | Incentives
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Incentives (continued)
- 12:12-13:06 | Sustaining
- 13:06-14:00 | Capstone: Productivity plan

# Seminar dates

## Available seminar dates

Live dates and pricing for Construction Productivity and Labour Management generated from the course details page.

| Date                  | Location  | Format    | Fee    |
|-----------------------|-----------|-----------|--------|
| 9 - 13 November 2026  | Rome      | Classroom | €3,460 |
| 14 - 18 December 2026 | Munich    | Classroom | €3,225 |
| 18 - 22 January 2027  | Barcelona | Classroom | €2,815 |
| 15 - 19 February 2027 | Paris     | Classroom | €3,825 |
| 15 - 19 March 2027    | Frankfurt | Classroom | €1,875 |
| 19 - 23 April 2027    | Barcelona | Classroom | €2,815 |
| 17 - 21 May 2027      | Istanbul  | Classroom | €1,978 |
| 21 - 25 June 2027     | Rome      | Classroom | €3,460 |
| 19 - 23 July 2027     | Munich    | Classroom | €3,225 |
| 16 - 20 August 2027   | Barcelona | Classroom | €2,815 |

# Seminar dates

## Available seminar dates

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| Date                   | Location      | Format        | Fee    |
|------------------------|---------------|---------------|--------|
| 20 - 24 September 2027 | Paris         | Classroom     | €3,825 |
| 18 - 22 October 2027   | Frankfurt     | Classroom     | €1,875 |
| 15 - 19 November 2027  | Barcelona     | Classroom     | €2,815 |
| 20 - 24 December 2027  | Istanbul      | Classroom     | €1,978 |
| 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 |
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| 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 |
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