



CONSTRUCTION MANAGEMENT | CM-020

Construction Planning and Scheduling with Primavera P6

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Course content

Why Attend

Primavera P6 is the leading scheduling tool for large construction and engineering projects. Effective use requires both software skills and sound planning practice.

This Aractech course teaches construction planning with Primavera P6: project setup, WBS, activities and logic, calendars, resources and costs, baselines, progress updating, schedule analysis and reporting. Participants build and update a construction schedule in hands-on labs. Participants need access to Primavera P6.

Course Methodology

- Hands-on P6 labs
- Construction case project
- Demonstrations
- Practice exercises
- Capstone schedule

Course Objectives

- Set up construction projects in Primavera P6
- Build WBS, activities and logic
- Assign calendars, resources and costs
- Set baselines and update progress
- Analyse critical path and float
- Produce schedule reports and layouts

Target Audience

- Planners and schedulers

Course content

- Project engineers
- Construction managers
- Project control staff

Course outline

Detailed course outline

Day-by-day outline for Construction Planning and Scheduling with Primavera P6.

Day 1 - Planning and P6 Setup

- 09:00-09:45 | Planning principles
- 09:45-10:30 | P6 structure
- 10:30-11:00 | Enterprise and project setup
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Enterprise and project setup (continued)
- 11:45-12:30 | Calendars
- 12:30-14:00 | Lab: Project setup

Day 2 - Building the Schedule

- 09:00-09:45 | WBS
- 09:45-10:30 | Activities
- 10:30-11:00 | Relationships
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Relationships (continued)
- 11:45-12:30 | Constraints
- 12:30-14:00 | Lab: Network building

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Day 3 - Resources and Costs

- 09:00-09:45 | Resource definition
- 09:45-10:30 | Assignments
- 10:30-11:00 | Cost loading
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Cost loading (continued)
- 11:45-12:30 | Resource levelling
- 12:30-14:00 | Lab: Resource loading

Day 4 - Baselines and Updating

- 09:00-09:45 | Baselines
- 09:45-10:30 | Progress updating
- 10:30-11:00 | Variance
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Variance (continued)
- 11:45-12:30 | Rescheduling
- 12:30-14:00 | Lab: Progress update

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Day 5 - Analysis and Reporting

- 09:00-09:54 | Critical path
- 09:54-10:48 | Float analysis
- 10:48-11:00 | Layouts and reports
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Layouts and reports (continued)
- 12:12-13:06 | Schedule quality
- 13:06-14:00 | Capstone: Construction schedule

Seminar dates

Available seminar dates

Live dates and pricing for Construction Planning and Scheduling with Primavera P6 generated from the course details page.

Date	Location	Format	Fee
2 - 6 November 2026	Rome	Classroom	€3,460
21 - 25 December 2026	Munich	Classroom	€3,225
18 - 22 January 2027	Vienna	Classroom	€3,225
15 - 19 February 2027	Barcelona	Classroom	€2,815
15 - 19 March 2027	Cape Town	Classroom	€1,625
19 - 23 April 2027	Frankfurt	Classroom	€1,875
17 - 21 May 2027	Barcelona	Classroom	€2,815
21 - 25 June 2027	Barcelona	Classroom	€2,815
19 - 23 July 2027	Rome	Classroom	€3,460
16 - 20 August 2027	Munich	Classroom	€3,225

Seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Vienna	Classroom	€3,225
18 - 22 October 2027	Barcelona	Classroom	€2,815
15 - 19 November 2027	Paris	Classroom	€3,825
20 - 24 December 2027	Frankfurt	Classroom	€1,875
2 - 6 November 2026	Online / Live	Online / Live	€1,815
21 - 25 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
15 - 19 November 2027	Online / Live	Online / Live	€1,815
20 - 24 December 2027	Online / Live	Online / Live	€1,815