



PROJECT MANAGEMENT | PM-037

Critical Chain Project Management

Contact

+31 85 7444446
info@aractech.com
https://aractech.com

Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

Course content

Why Attend

Critical chain project management addresses common causes of delay such as padded estimates, multitasking and student syndrome. It uses buffers and resource-aware scheduling to deliver projects faster and more reliably.

This Aractech course covers theory of constraints for projects, critical chain scheduling, aggressive estimates and buffers, buffer management, multi-project environments and implementation. Participants build a critical chain schedule.

Course Methodology

- Simulations
- Scheduling exercises
- Case studies
- Group discussions
- Planning

Course Objectives

- Explain causes of project delays
- Apply theory of constraints to projects
- Build critical chain schedules
- Size and manage buffers
- Manage multi-project environments
- Implement critical chain in organisations

Target Audience

- Project managers

Course content

- Planners and schedulers
- PMO managers
- Programme managers

Course outline

Detailed course outline

Day-by-day outline for Critical Chain Project Management.

Day 1 - Why Projects Are Late

- 09:00-09:45 | Estimate padding
- 09:45-10:30 | Multitasking
- 10:30-11:00 | Student syndrome
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Student syndrome (continued)
- 11:45-12:30 | Parkinson's law
- 12:30-14:00 | Simulation: Multitasking game

Day 2 - Critical Chain Concepts

- 09:00-09:45 | Theory of constraints
- 09:45-10:30 | Resource dependencies
- 10:30-11:00 | Critical chain
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Critical chain (continued)
- 11:45-12:30 | Aggressive estimates
- 12:30-14:00 | Exercise: Identifying the chain

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Day 3 - Buffers

- 09:00-09:45 | Project buffer
- 09:45-10:30 | Feeding buffers
- 10:30-11:00 | Resource buffers
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Resource buffers (continued)
- 11:45-12:30 | Sizing
- 12:30-14:00 | Lab: Building a schedule

Day 4 - Buffer Management

- 09:00-09:45 | Fever charts
- 09:45-10:30 | Execution
- 10:30-11:00 | Priorities
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Priorities (continued)
- 11:45-12:30 | Reporting
- 12:30-14:00 | Case study: Critical chain success

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Day 5 - Multi-Project and Implementation

- 09:00-09:54 | Pipelining
- 09:54-10:48 | Portfolio constraints
- 10:48-11:00 | Implementation
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Implementation (continued)
- 12:12-13:06 | Culture
- 13:06-14:00 | Capstone: Critical chain plan

Seminar dates

Available seminar dates

Live dates and pricing for Critical Chain Project Management generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Paris	Classroom	€3,825
14 - 18 December 2026	Frankfurt	Classroom	€1,875
18 - 22 January 2027	Amsterdam	Classroom	€2,830
15 - 19 February 2027	London	Classroom	€2,315
15 - 19 March 2027	Istanbul	Classroom	€1,978
19 - 23 April 2027	Vienna	Classroom	€3,225
17 - 21 May 2027	Barcelona	Classroom	€2,815
21 - 25 June 2027	Paris	Classroom	€3,825
19 - 23 July 2027	Frankfurt	Classroom	€1,875
16 - 20 August 2027	Amsterdam	Classroom	€2,830

Seminar dates

Available seminar dates

Live dates and pricing for Critical Chain Project Management generated from the course details page.

Date	Location	Format	Fee
20 - 24 September 2027	London	Classroom	€2,315
18 - 22 October 2027	Istanbul	Classroom	€1,978
15 - 19 November 2027	Cape Town	Classroom	€1,625
20 - 24 December 2027	Barcelona	Classroom	€2,815
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
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