



MAINTENANCE AND ENGINEERING | ME-029

Maintenance Excellence and Benchmarking

Contact

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

Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

Course content

Why Attend

World-class maintenance organisations achieve high availability at competitive cost through mature processes, people and systems. Benchmarking shows where an organisation stands and where to improve.

This Aractech course covers maintenance excellence models, maturity assessment, key processes, maintenance KPIs, benchmarking methods and sources, gap analysis and improvement roadmaps. Participants assess their maintenance maturity and build a roadmap.

Course Methodology

- Maturity assessment
- Benchmarking exercises
- Case studies
- Group discussions
- Roadmap planning

Course Objectives

- Explain maintenance excellence models
- Assess maintenance maturity
- Strengthen core maintenance processes
- Select and benchmark maintenance KPIs
- Perform gap analysis
- Build an improvement roadmap

Target Audience

- Maintenance managers
- Reliability engineers

Course content

- Plant managers
- Asset managers

Course outline

Detailed course outline

Day-by-day outline for Maintenance Excellence and Benchmarking.

Day 1 - Maintenance Excellence

- 09:00-09:45 | What excellence looks like
- 09:45-10:30 | Excellence models
- 10:30-11:00 | Leadership
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Leadership (continued)
- 11:45-12:30 | Culture
- 12:30-14:00 | Exercise: Self-assessment

Day 2 - Core Processes

- 09:00-09:45 | Work management
- 09:45-10:30 | Planning and scheduling
- 10:30-11:00 | Materials
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Materials (continued)
- 11:45-12:30 | Reliability
- 12:30-14:00 | Workshop: Process review

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Day 3 - KPIs

- 09:00-09:45 | Leading and lagging KPIs
- 09:45-10:30 | Availability and reliability
- 10:30-11:00 | Cost KPIs
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Cost KPIs (continued)
- 11:45-12:30 | Data quality
- 12:30-14:00 | Exercise: KPI selection

Day 4 - Benchmarking

- 09:00-09:45 | Benchmarking methods
- 09:45-10:30 | Sources
- 10:30-11:00 | Comparisons
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Comparisons (continued)
- 11:45-12:30 | Gap analysis
- 12:30-14:00 | Case study: Benchmarking study

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Day 5 - Improvement Roadmap

- 09:00-09:54 | Prioritisation
- 09:54-10:48 | Roadmap
- 10:48-11:00 | Change management
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Change management (continued)
- 12:12-13:06 | Sustaining
- 13:06-14:00 | Capstone: Excellence roadmap

Seminar dates

Available seminar dates

Live dates and pricing for Maintenance Excellence and Benchmarking generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Istanbul	Classroom	€1,978
14 - 18 December 2026	Rome	Classroom	€3,460
18 - 22 January 2027	Kuala lumpur	Classroom	€1,925
15 - 19 February 2027	Barcelona	Classroom	€2,815
15 - 19 March 2027	London	Classroom	€2,315
19 - 23 April 2027	Geneva	Classroom	€4,315
17 - 21 May 2027	Dubai	Classroom	€1,845
21 - 25 June 2027	Istanbul	Classroom	€1,978
19 - 23 July 2027	Rome	Classroom	€3,460
16 - 20 August 2027	Kuala lumpur	Classroom	€1,925

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20 - 24 September 2027	Barcelona	Classroom	€2,815
18 - 22 October 2027	London	Classroom	€2,315
15 - 19 November 2027	Geneva	Classroom	€4,315
20 - 24 December 2027	Madrid	Classroom	€3,400
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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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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