

aractech

Global Learning for Operational Leaders



MAINTENANCE AND ENGINEERING

Certified Maintenance Planner (CMP)

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Course content

Why Attend

The critical objectives of the maintenance planning and scheduling section are to ensure asset availability and reliability at the lowest cost. The planning and scheduling activities in the maintenance department are the reference points for all work orders. Planned wrongly and the whole maintenance management processes will be negatively affected. Work orders created by maintenance planners and properly executed will improve the effectiveness of the maintenance department.

The role of the maintenance planner is to develop the right work orders taking into consideration all the logistical requirements and constraints. Along with excellent planning and scheduling skills, this job requires interacting with many departments. The maintenance theories and principles as well as best practices that will be discussed during this course will equip the maintenance planner to achieve the critical objectives of the maintenance department.

Course Methodology

- The course uses a mix of interactive and hands-on techniques. Beside the brief presentations by the consultant and the participants, there will be many individual and group exercises based on actual maintenance work related scenarios. Given that the course is a certified one, there will also be a test at the end of the course.

Course Objectives

- Apply the latest concepts and techniques needed to effectively plan, schedule and control maintenance activities
- Use project management techniques to manage major maintenance activities and shut downs
- Demonstrate an understanding of how to maintain the optimal stock levels of spare parts to ensure operational availability
- Prepare the right maintenance KPIs to evaluate and improve the performance of critical maintenance processes in their department
- Select capital budgeting techniques to evaluate maintenance capital expenditures
- Relate and communicate with others to achieve the desired goals

Target Audience

- Managers, supervisors and planners responsible for maintenance planning, scheduling and control activities.
- Target Competencies

- Maintenance theory and practice
- Maintenance work processes

Course outline

Detailed course outline

Module-by-module outline for Certified Maintenance Planner (CMP).

Module 1 - Putting planning in context

- The modern maintenance strategy
- Maintenance as a business process
- The business case for planning
- The financial benefits case
- The scope challenge
- Optimising maintenance frequency

Module 2 - Role of the maintenance planner

- Importance of maintenance and asset management
- Objectives and types of maintenance
- Evolution of the maintenance function
- The planning process
- Types of maintenance
- Clarification of roles in maintenance

Course outline

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Module 3 - Planning major maintenance work and shutdowns

- The unique challenge of shutdowns
- A model of excellence of shutdown preparation
- Scope of work and activities
- Work Breakdown Structure (WBS) requirements
- Setting and using maintenance standards
- Planning and scheduling constraints

Module 4 - Controlling maintenance work

- Types of control and control documentation
- The use of Key Performance Indicators (KPIs) that count in maintenance
- Sources of data for KPIs
- Examples of maintenance KPIs

Module 5 - Driving maintenance performance

- Drawing learning from recurring maintenance tasks
- Refining maintenance policies
- Learning from reviewing planned maintenance
- Capturing learning from inspection work
- Scope optimisation
- The 3R's process

Seminar dates

Available seminar dates

Live dates and pricing for Certified Maintenance Planner (CMP) generated from the course details page.

Date	Location	Format	Fee
15 - 19 June 2026	Paris	Classroom	€3,150
20 - 24 July 2026	Frankfurt	Classroom	€2,275
3 - 7 August 2026	Barcelona	Classroom	€2,695
7 - 11 September 2026	Frankfurt	Classroom	€2,275
12 - 16 October 2026	Rome	Classroom	€2,975
9 - 13 November 2026	Kuala Lumpur	Classroom	€1,575
14 - 18 December 2026	Barcelona	Classroom	€2,695

Live online option

Online delivery is available at €1,250.