

aractech

Global Learning for Operational Leaders



MAINTENANCE AND ENGINEERING

Certificate in Maintenance Management

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Course content

Why Attend

This course provides participants with a comprehensive foundation to advance their maintenance management career, focusing on developing strategic maintenance plans, optimize budgeting processes, manage contracts, and leverage technology for enhanced operational efficiency. This course equips maintenance professionals with the skills and knowledge necessary to effectively lead and improve maintenance operations.

Course Methodology

- This course is based on open discussions, question and answer sessions, group exercises, activities, videos, case studies and presentations based on best practices and advanced principles.

Course Objectives

- Formulate effective maintenance strategies to optimize equipment performance and lifespan
- Gain insights into budgeting and cost control for maintenance activities
- Master maintenance planning and scheduling to minimize downtime and optimize utilization of maintenance resources
- Structure the maintenance workforce and analyze workload to ensure maximum productivity
- Use Computerized Maintenance Management Systems (CMMS) for tracking and managing maintenance activities

Target Audience

- This course is suitable for participants with several years of experience in maintenance. This includes Maintenance Managers, Maintenance Engineers, Maintenance Supervisors and Maintenance Planning Engineers. It is also suitable for professionals who work in the operations, engineering and procurement/materials departments and who wish to gain an understanding of how the quality of the maintenance function affects their department, and the end result of their organization.

- Target Competencies
- Strategy Development and Budgeting
- Contract Management

Course outline

Detailed course outline

Module-by-module outline for Certificate in Maintenance Management.

Module 1 - Maintenance Strategies and the Budgeting Process

- Types of maintenance strategies
- Maintenance strategy formulation
- Budgeting fundamentals
- Maintenance budget development
- Maintenance analysis and cost control
- Performance management and key performance indicators (KPIs)

Module 2 - Reliability Centered Maintenance (RCM)

- Criticality analysis
- RCM study
- RCM related references and standards
- Failure definitions
- RCM process flow diagram
- Defining RCM outputs

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Module 3 - Maintenance Contracts and Contractor Management

- What is outsourcing? And why outsource?
- Challenges and risks of outsourcing
- Outsourcing lifecycle model
- Outsourcing strategy analysis
- Contracts and contracting process
- Contracts monitoring and evaluation

Module 4 - Planning and Scheduling Maintenance Activities

- The 6 elements of maintenance planning and scheduling
- Identifying maintenance activities and prioritize them
- Developing a maintenance plan
- Continuous maintenance scheduling process
- Executing the maintenance activities
- Close out

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Module 5 - Maintenance Workforce Planning and Development

- Maintenance key positions
- Building an effective team structure
- Leadership and team management
- Workload analysis and RACI matrix
- Learning and development
- Competency assurance management system

Seminar dates

Available seminar dates

Live dates and pricing for Certificate in Maintenance Management generated from the course details page.

| Date | Location | Format | Fee |
|-----------------------|--------------|-----------|--------|
| 15 - 19 June 2026 | Rome | Classroom | €2,975 |
| 20 - 24 July 2026 | Kuala Lumpur | Classroom | €1,575 |
| 3 - 7 August 2026 | Barcelona | Classroom | €2,695 |
| 7 - 11 September 2026 | London | Classroom | €2,940 |
| 12 - 16 October 2026 | Munich | Classroom | €2,415 |
| 9 - 13 November 2026 | Amsterdam | Classroom | €2,975 |
| 14 - 18 December 2026 | Istanbul | Classroom | €1,995 |

Live online option

Online delivery is available at €1,250.