



MAINTENANCE AND ENGINEERING

Certified Advanced Maintenance Management (CAMP)

Professional training programme



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

To survive in today's world of 'lean and mean' operations, we cannot wait for breakdowns. As a matter of fact, we should make responding to breakdowns the exception in our daily workload, not the norm. A successful and effective maintenance operation has to break away from the 'fix it when it breaks' mentality. The ultimate goal of the maintenance department should be to 'stop' things from breaking, increase assets availability and reliability and do so with the lowest possible cost. This has certainly put an immense pressure on the maintenance department management team. In this course, various best practices will be presented that deliver the above objectives.

Why Attend

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. The course also includes a maintenance department audit checklist which the participants will individually complete during the course to evaluate the

Who Should Attend

Those involved in the supervision or management of maintenance activities; also anyone interested in learning more about the critical role of maintenance in a company.

— Learning Objectives

- Demonstrate the latest concepts and techniques required for managing or supervising a maintenance unit
- Examine the organizational and managerial considerations for effective maintenance work
- Apply techniques to measure Overall Equipment Effectiveness (OEE)
- Distinguish and optimize the special characteristics of maintenance activities
- Debunk safety myths and identify unsafe acts and conditions
- Identify common maintenance Key Performance Indicators (KPIs) and develop the maintenance department scorecard

Course Outline

DAY
1

Introduction to advanced maintenance management

- Objectives of maintenance management
- Asset management
- Maintenance life cycle
- Common maintenance management problems
- Typical responsibilities of a maintenance manager
- The maintenance organization

DAY
2

Continuous improvement practices in maintenance

- 5S Model to improve productivity and reliability
- Defining 5S and its principles
- Relationship between maintenance and production
- Determine needs and requirements
- Applying the principles of 5S to continuous improvement

DAY
3

Management of maintenance

- Maintenance strategies
- Overall Equipment Effectiveness (OEE)
- OEE calculations
- Equipment failures and patterns
- Failure modes and effect analysis
- Emergency and preventive maintenance
- Common preventive maintenance tasks
- Predictive maintenance
- Computerized Maintenance Management Systems (CMMS)
- Typical CMMS modules

DAY
4

Maintenance planning and control

- Maintenance work flow process
- Work requests and work orders
- Work planning and scheduling
- Backlog management
- Resource management

- Spare parts management
- Maintenance master budget
- Capital budgeting
- Maintenance initiatives
- Replacement analysis of assets
- Maintenance operating budget
- Innovation and creativity

DAY
5

Safety in maintenance

- Myths about safety
- Why the concern for safety

- Unsafe acts and unsafe conditions
- Safety culture elements
- Conducting safety audits
- Day 6: Maintenance performance management
- Measuring and evaluating maintenance performance
- Common maintenance Key Performance Indicators (KPIs) and targets
- The maintenance balanced scorecard

— Upcoming Classroom Dates

DATE	LOCATION	FEE
12 - 16 October 2026	Rome - Italy	€2,125
9 - 13 November 2026	Munich - Germany	€1,725
14 - 18 December 2026	Amsterdam - Netherlands	€2,125
18 - 22 January 2027	Kuala Lumpur - Malaysia	€1,400
15 - 19 February 2027	Barcelona - Spain	€1,925
15 - 19 March 2027	London - United Kingdom	€2,100
19 - 23 April 2027	Munich - Germany	€2,125
17 - 21 May 2027	Rome - Italy	€2,125

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.