CMMS Fundamentals and Maintenance Workflows Training Course

14 – 18 June 2027
Porto

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Ref: 1684_226649 **Date:** 14 – 18 June 2027 **Location:** Porto **Fees:** 6500 Euro

Overview

CMMS Fundamentals and Maintenance Workflows Training Course is a one-week foundation course for maintenance teams, who leave with a CMMS Workflow and Control Pack. The course connects CMMS fundamentals, maintenance workflows, asset hierarchy, work requests, work orders, preventive maintenance scheduling, spare-parts records, labor capture, backlog control and maintenance KPI dashboards. Participants build vendor-neutral records and controls that support consistent execution and reliable decisions. Agile Leaders Training Center develops practical computerized maintenance management system skills.

Who Should Attend

- Teams responsible for planning, scheduling and coordinating maintenance work
- Teams responsible for executing tasks and recording labor, parts and completion evidence
- Teams responsible for asset records, reliability data and equipment history
- Teams responsible for maintenance stores, reservations and spare-parts availability
- Teams responsible for system administration, reporting and workflow governance

The course assumes participants can follow basic maintenance requests and equipment records at work, and leaves out vendor configuration, software coding and advanced reliability modeling.

Departments and Industries

The course supports departments that control maintenance information and asset work across operating environments.

- Maintenance planning and engineering
- Reliability and asset management
- Facilities and property operations
- Manufacturing and process operations
- Utilities, transport and infrastructure services
- Healthcare engineering and technical services

Learning Objectives

By the end of this course, participants will be able to:

- Build asset hierarchies and controlled master-data records
- Apply work-request and work-order lifecycle controls
- Use preventive maintenance schedules and job plans
- Prioritize backlog through risk and readiness criteria
- Analyze labor, parts, downtime and completion data
- Evaluate maintenance KPIs and implementation governance

Course Agenda

Day 1: CMMS Structure and Master Data

- CMMS and EAM Scope Boundary Map
- ISO 55000 Asset-Management Principle Reference
- Functional Location and Asset Hierarchy Model
- Equipment Master-Data Quality Checklist
- Failure, Priority and Status Coding Dictionary

Day 2: Requests and Work Orders

- Work Request Intake and Triage Form
- Work Order Lifecycle and Status-Control Map
- Job Plan, Task List and Safety Reference Template
- Labor, Craft and Time-Capture Record
- Completion Evidence and Maintenance History Standard

Day 3: Preventive Work and Materials

- Preventive Maintenance Trigger and Frequency Matrix
- Calendar, Meter and Condition-Based Scheduling Model
- Maintenance Plan and Route-Inspection Template
- Spare-Parts Bill and Reservation Record
- MRO Stock Level and Reorder Control Sheet

Day 4: Backlog, KPIs and Governance

- Backlog Age, Risk and Readiness Prioritization Matrix
- Weekly Maintenance Scheduling and Capacity Board
- Uptime, Downtime, MTTR and Completion KPI Dashboard
- Data Stewardship and Role-Access Matrix
- CMMS Implementation Readiness and Adoption Checklist

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Day 5: Workflow Practice and Capstone

- Exercise: Build an Asset Hierarchy and Coding Record
- Exercise: Route a Request through the Work Order Lifecycle
- Exercise: Create a Preventive Maintenance Plan and Parts Reservation
- Exercise: Prioritize Backlog and Interpret a KPI Dashboard
- Capstone: CMMS Workflow and Control Pack

Practical Exercises

The course uses suggested activities based on manufacturing, facilities and utility-maintenance scenarios.

- Suggested activity: clean an equipment register and build a functional asset hierarchy
- Suggested activity: convert a fault report into a planned, assigned and closed work order
- Suggested activity: schedule preventive work with labor, materials and trigger rules
- Suggested activity: use backlog and KPI evidence to prepare a control review

FAQs

Who suits CMMS fundamentals training and what does it assume?

CMMS fundamentals training suits maintenance planners, supervisors, technicians, reliability coordinators and asset-data support staff. It assumes basic familiarity with equipment records and maintenance requests while excluding vendor-specific administration and advanced reliability analysis.

How does CMMS fundamentals training differ from enterprise asset management training?

CMMS fundamentals training concentrates on maintenance execution, including work orders, schedules, parts, labor and history. Enterprise asset management training usually covers the wider asset lifecycle, investment, finance and portfolio decisions.

Why does asset hierarchy matter in a computerized maintenance management system?

Asset hierarchy gives maintenance records a consistent location and equipment structure. It helps teams connect requests, work history, costs, failures and preventive tasks to the correct maintainable item.

Which maintenance KPI dashboards are useful in CMMS workflows?

Maintenance KPI dashboards commonly track backlog, schedule completion, downtime, uptime, mean time to repair, preventive work and data completeness. Each measure needs defined fields, status rules and ownership before teams rely on it.

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Conclusion

Participants take back a CMMS Workflow and Control Pack containing asset structures, coding rules, work-order controls, preventive schedules, parts records, backlog priorities and KPI definitions. The pack creates a shared operating basis for maintenance information and execution. It also supports clearer governance during CMMS implementation and use.