MERCURY

Computerized Maintenance Management System (CMMS) Course

02 - 06 Mar 2025
Dubai (UAE)

Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
London - UK: +44 748 136 28 02

MERCURY

Computerized Maintenance Management System (CMMS) Course

Ref.: 15518_313052 **Date:** 02 - 06 Mar 2025 **Location:** Dubai (UAE) **Fees:** 4500 **Euro**

Introduction:

This course is intended to show a strategy for the implementation of a Computer Maintenance Management System for the participants looking for ways to evolve and computerize their management system.

The training program provides attendees with an insight into what might be the present state of the organization within their Maintenance Department. Then allow them to see what is available through implementing a Computer Maintenance Management System to reach the desired level of organization and to review the tools it will take in closing the gap.

Targeted Groups:

This course is targeted at all companies interested and using Computer Maintenance Planning and Management Systems.

- Recommended attendees should include Maintenance Managers.
- Maintenance Supervisors, Maintenance Engineers.
- Maintenance Planning and Scheduling Engineers.
- Maintenance Team Leaders.
- Purchasing Managers.

Course Objectives:

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

- To give a broad understanding of maintenance and its relevant aspects
- To help understand how to select the most cost-effective maintenance strategy for each asset to control its risks and costs.
- To give a comprehensive view of the importance, objectives, and benefits of the maintenance planning and scheduling process for saving time, cost, and efficient utilization of the maintenance resources to maximize the productive time of the manpower.
- To explain the fundamentals of planning and scheduling, such as concepts, processes, tools, techniques, methodologies, roles, and responsibilities, KPIs, analysis, reporting, etc.
- To explain the important role and functions of the Computerized Maintenance Management System CMMS as a main Maintenance Planning and Scheduling tool
- To explain in detail the planning, scheduling, and work management processes, including:
- Work identification and prioritization, creating work requests/work orders, quality control of work requests and data, work packaging, scheduling regular meetings, materials and logistics preparation, work coordination, resources preparations, and effective utilization, safety aspects of work execution, proper work orders completion, backlog definition and management, maintenance performance measuring KPIs, work orders closing, history data analysis for enhancement and closing the loop.
- To highlight the importance of Spare parts and Inventory Management
- To give an overview of Project Management techniques as important tools for Maintenance Planning and Scheduling

Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
London - UK: +44 748 136 28 02

- To highlight the types of KPIs leading and lagging, main maintenance and maintenance planning KPIs, and benchmarking against relevant world-class best practices
- During the course, attendees will have the opportunity to review an “Interactive Computer Maintenance Planning and Management Systems” and bring along their laptop computers to join in a practical session.

Targeted Competencies:

- Maintenance Planning Planners, Schedulers, Engineers, Leaders, and Managers.
- Maintenance Engineers, Supervisors, Section Leaders, Team Leaders, and managers.
- Reliability Engineers, Section Leaders, Team Leaders, and Managers.
- Integrity Engineers, Section Leaders, Team Leaders, and Managers.
- Operation Engineers, Section Leaders, Team Leaders, and Managers.

Course Content:

Unit 1: Understanding Maintenance First What We Plan and Schedule

- Introduction and Pre-evaluation.
- Where is Maintenance in the Big Picture?
- Main Maintenance Types and Strategies.
- Reactive Maintenance.
- Run to Failure Maintenance.
- Corrective Maintenance.
- Preventive Maintenance PM.
- Condition Based Maintenance CBM.
- Predictive Maintenance PdM.

Unit 2: Methods and Tools in Maintenance & Understanding Maintenance Planning and Scheduling:

- Maintenance Strategy Selection Methodology.
- Asset Criticality Assessment/Analysis as a key tool for Maintenance Strategy selection.
- Understanding Maintenance Planning and Scheduling.
- Definitions.
- Difference between Planning and Scheduling.
- Main Objectives of Maintenance Planning and Scheduling.
- Maintenance Planning and Scheduling Process.
- The Six Maintenance Planning Principles.
- The Role of the Maintenance Planner.
- The Six Maintenance Scheduling Principles.
- The Role of the Maintenance Scheduler.
- Necessary Elements for Planning and Scheduling.
- Planning System Necessities.

Unit 3: Maintenance Planning and Scheduling cont., CMMS & Work Management

- Tools Necessary for Effective Maintenance Control System.
- Computerized Maintenance Management System CMMS as a main Tool for Maintenance Planning and Scheduling and Work Management.
- Difference between CMMS and AMS/EAM.

Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
London - UK: +44 748 136 28 02

- CMMS Objectives and benefits.
- CMMS main modules and functions.
- CMMS Failure Codes.
- Work Management.
- Backlog Management.

Unit 4: Turn Maintenance into a Profit Center.

- The Maintenance Image.
- Cost Center versus Profit Center Approach.
- How to Turn Maintenance into a Profit Center.
- How can a CMMS help?
- Profit-Driven Maintenance PDM.
- Optimum Reliability Allocation.
- Cost/Feasibility Functions.
- Determining Component Reliabilities.
- Specifying Component Reliabilities.
- Availability Definitions.
- Introduction of Maintainability.

Unit 5: Advanced Simulation Options

- Register a new maintenance task in the CMMS.
- View And modify an existing maintenance task.
- Create a maintenance schedule master.
- Modify and view an existing maintenance schedule.
- Generate CMMS reports.
- Interactive practical applications.
- Questions/Discussion and Wrap-up.

Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
London - UK: +44 748 136 28 02

MERCURY

Registration form on the :
Computerized Maintenance Management System (CMMS) Course

code: 15518 **From:** 02 - 06 Mar 2025 **Venue:** Dubai (UAE) **Fees:** 4500 **Euro**

Complete & Mail or fax to Mercury Training Center at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):
.....
Position:
.....
Telephone / Mobile:
.....
Personal E-Mail:
.....
Official E-Mail:
.....

Company Information

Company Name:
.....
Address:
.....
City / Country:
.....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):
.....
Position:
.....
Telephone / Mobile:
.....
Personal E-Mail:
.....
Official E-Mail:
.....

Payment Method

☐ Please invoice me

☐ Please invoice my company