MERCURY

Computerized Maintenance Management System (CMMS) Course

28 Feb - 04 Mar 2027
Dubai (UAE)

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Computerized Maintenance Management System (CMMS) Course

Ref.: 15518_313052 **Date:** 28 Feb - 04 Mar 2027 **Location:** Dubai (UAE) **Fees:** 4900 **Euro**

Introduction:

This CMMS course is intended to provide a strategy for implementing a computerized maintenance management system CMMS for participants seeking ways to improve and automate their management systems. It offers attendees an understanding of their organization's current state within the Maintenance Department.

This computerized maintenance management system CMMS training will introduce potential advancements through implementing a CMMS to achieve the desired level of organization. It will review the necessary tools to bridge existing gaps and explore the advantages of a CMMS. It will learn how CMMS offers visibility over maintenance tasks.

Participants will enhance preventive maintenance, reduce downtime, improve inventory management, extend asset life, and improve regulatory compliance. By understanding CMMS's functionality and potential, attendees will be well-positioned to fully utilize its capabilities and integrate it into their organizations for optimal maintenance management results.

It's crucial to understand a computerized maintenance management system CMMS. A CMMS software package maintains a computer database of information about an organization's maintenance operations. This information is intended to help maintenance workers perform their jobs more effectively and to help management make informed decisions.

Targeted Groups:

- This computerized maintenance management system CMMS course targets all companies interested in utilizing computer maintenance planning and management systems.
- Maintenance Managers.
- Maintenance Supervisors, Maintenance Engineers.
- Purchasing Managers.
- Maintenance Planning and Scheduling Engineers.
- Maintenance Team Leaders.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Course Objectives:

By the end of this computerized maintenance management system CMMS course, participants will be able to:

- Provide a broad understanding of maintenance and its relevant aspects.
- Understand how to select each asset's most cost-effective maintenance strategy to control risks and costs.
- Offer a comprehensive view of the importance, objectives, and benefits of maintenance planning and scheduling to save time and cost and efficiently utilize maintenance resources to maximize manpower productive time.
- Explain the fundamentals of planning and scheduling, such as concepts, processes, tools, techniques, methodologies, roles, responsibilities, KPIs, analysis, and reporting.
- Discuss the crucial role and functions of the CMMS as a primary tool for Maintenance Planning and Scheduling.
- Detail the planning, scheduling, and work management processes.
- Work identification and prioritization, work requests/orders, quality control, scheduling meetings, materials and logistics, work coordination, resource preparations and utilization, safety aspects of work execution, work order completion, backlog management, maintenance performance measuring KPIs, work orders closing, history data analysis for enhancement, and closing the feedback loop.
- Highlight the importance of Spare parts and Inventory Management.
- Give an overview of Project Management techniques as important Maintenance Planning and Scheduling tools.
- Emphasize the types of KPIs leading and lagging, main maintenance and planning KPIs, and benchmarking against world-class best practices.
- Engage in interactive sessions, reviewing Interactive Computer Maintenance Planning and Management Systems with the opportunity for practical sessions using laptop computers.

Targeted Competencies:

At the end of this computerized maintenance management system CMMS training, participants competencies will:

- 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.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

MERCURY

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.
- Explore 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, CMMS & Work Management:

- Tools Necessary for Effective Maintenance Control System.
- CMMS is a main Maintenance Planning, Scheduling, and Work Management tool.
- Differences between CMMS and AMS/EAM.
- Objectives and benefits of CMMS.
- Main modules and functions of CMMS.
- CMMS Failure Codes.
- Work Management.
- Backlog Management.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

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.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

MERCURY

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

code: 15518 **From:** 28 Feb - 04 Mar 2027 **Venue:** Dubai (UAE) **Fees:** 4900 **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