

€ TRAINING

Maintenance Development, Raising Its
Efficiency, Evaluating Its Operations And
Reducing Cost



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Introduction

The computer integrated maintenance management system is an integrated system to serve the purposes of multiple maintenance management and includes hardware, software and their accessories, and it is called the computerized maintenance management system. It brings many benefits to the completion of maintenance work. And it became necessary and urgent to raise the performance of maintenance tasks and work more intensively and more developed, due to the continuous increase and rise in maintenance costs on the one hand, and on the other hand because of the importance of completing the work in a distinct manner, especially with the development and complexity of engineering systems.

Course Objectives

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

- Valuing the contribution of maintenance in achieving the objectives of the institution.
- Implement best practices for the identification of equipment, documentation, and spare parts.
- Understand the impact of tight planning and effective scheduling on maintenance performance.
- Develop knowledge in planning, scheduling, and effective utilization of maintenance resources.
- Identify the causes of malfunctions, their impact, and ways to track them.
- Improving the ability to efficiently and effectively manage and control spare parts inventory.
- Show how to use the computer to carry out maintenance work efficiently

Targeted Audience

- Managers and supervisors in the maintenance and technical management sectors.
- Managers, heads of administrative departments and those responsible for the operation and maintenance department.
- All engineers, technicians and everyone involved in maintenance, production and operation.
- Decision makers and makers.
- Business owners in the areas of production, procurement, maintenance and technical support.
- Workers in spare parts warehouses.
- Anyone who finds himself in need of this course and wants to develop his skills and experience

Course Outline

Unit 1:

- Maintenance function.
- Planned maintenance and its types.
- Maintenance organization.
- Modern trends in maintenance management

Unit 2:

- Planning principles.
- Anticipate the burden of maintenance activities.
- define the priorities.
- Develop plans.
- scheduling.
- Scheduling principles.
- Coordination with equipment users.
- Scheduling tools.
- The use of the computer in scheduling maintenance operations "workshop

Unit 3:

- Fault definition.
- Quantitative methods of fault analysis.
- Workshop "Using Excel programs to determine the type of faults".
- Qualitative methods of fault analysis.

Unit 4:

- Types of spare parts and their classification.
- Organizing spare parts warehouse.

- Spare parts control procedures and policies.
- Determine spare parts needs.
- case studies.

Unit 5:

- Maintenance documents and computerized management systems.
- Computer maintenance management system jobs.
- Benefits of using computerized maintenance management systems.
- Evaluation and selection of a computer maintenance management system.
- Presentation of { CMMS } Programs.