



Certified Maintenance Manager

01 - 05 Jul 2024
Madrid (Spain)



Certified Maintenance Manager

Ref.: 15143_288684 **Date:** 01 - 05 Jul 2024 **Location:** Madrid (Spain) **Fees:** 5500 **Euro**

Introduction:

Maximizing assets availability and reliability with the optimal cost are two conflicting objectives that each maintenance department needs to achieve. Maintenance planning and scheduling is the first step needed to assist you in achieving these objectives. Maintenance planning and scheduling are not only about using project management software to schedule tasks. Besides planning and scheduling activities the planner needs to ensure that all logistics are provided for. The planner will also need to be engaged in the financial evaluation of maintenance initiatives.

Once the planning is done right, the next step will be to ensure that all the work orders are executed as per the plan and in compliance with all Health, Safety, and Environment guidelines as well as company policies and procedures.

In this course, various techniques will be discussed that will assist you in due course to plan, schedule, and control all your maintenance work orders for maximum effectiveness. This course is designed to train participants to schedule maintenance programs and projects within the scope of a strategic plan, using mathematical models, project management techniques, and effective control tools.

Targeted Groups:

- Managers, Supervisors, and Planners whom responsible for maintenance planning, scheduling, control activities.
- Project managers and supervisors
- Maintenance Engineers
- Asset management officers

Course Objectives:

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

- Explain the challenges and objectives facing maintenance organizations today
- Demonstrate the importance of work order systems and use techniques for time estimations and priority assignments.
- Prepare a preventive maintenance program
- Apply project management techniques to effectively manage major maintenance activities and shutdowns
- Demonstrate an understanding of how to maintain the optimal stock levels of spare parts to ensure operational continuity
- Prepare the right Key Performance Indicators KPIs to evaluate and improve performance in maintenance.

Targeted Competencies:

- Maintenance theory and practice
- Maintenance work processes
- Project management
- Financial evaluation
- Planning and logistics theory and practice
- Performance management
- Tangible asset management

Course Content:

Day 1: Maintenance System:

1. Welcome and Introduction & Introduce session aims and objectives
2. Basic concepts of maintenance
3. Maintenance efficiency
4. Maintenance types
5. Maintenance system
6. Discussion Q&A
7. Homework

Day 2: Planning & Controlling:

1. Quick review of the last session
2. Homework solution
3. Introducing session objectives
4. How do managers plan?
5. What types of plans do managers use?
6. Planning tools and techniques
7. Control process
8. The common organizational controls
9. Discussion Q&A
10. Homework

Day 3: Maintenance Scheduling:

1. Quick review of the last session
2. Homework solution
3. Introducing session objectives
4. Maintenance planning procedures
5. Maintenance Scheduling
6. Maintenance Project Scheduling PERT/CPM
7. Discussion Q&A
8. Homework

Day 4: Preventive Maintenance Techniques:

1. Quick review of the last session
2. Homework solution
3. Introducing session objectives
4. Maintenance cost curve
5. Preventive Maintenance Program
6. Decision Analysis in Preventive Maintenance
7. Preventive Maintenance Metrics
8. Discussion Q&A
9. Homework

Day 5: Asset Management:

1. Quick review of the last session
2. Homework solution
3. Introducing session objectives
4. Asset Management
5. Quality standards iso5500,0,1,2
6. Computerized Maintenance Management System CMMS.
7. Spare parts management
8. Mathematical model & Classification approaches
9. Discussion Q&A
10. General review
11. Closing the session and thanking the participants & Granting certificates and Congratulate them.



Istanbul - Turkey: +90 539 599 12 06

Amman - Jordan: +962 785 666 966

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