MERCURY

Advanced Maintenance Planning and scheduling training Course

7 – 11 February 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
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Ref: 6006_275900 **Date:** 7 – 11 February 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction

Maintenance is a high-leverage contributor to business profitability through its impact on equipment capacity, product quality, safety, health, and the environment, and the cost of production. The results and benefits from implementing a world-class maintenance operation should yield a significant improvement in plant profit, as well as many intangible benefits such as enhanced customer satisfaction, employee pride, and vendor relations.

Maintenance planning is fundamental to the success of operations. Suppose you aim to have a world-class enterprise. In that case, the maintenance organization and strategy have a critical role to play in this mission. Driven by business goals, such a strategy cannot be seen as separate from other functions but rather as an intrinsic part of a complete approach to high-performance operation.

The business goals will place organizational as well as technical demands on the enterprise. The strategy, therefore, has to integrate and guide the implementation of technical and managerial strategies at all organizational and process levels.

The strategy/philosophy must represent the very best technology, procedures, and practices available relevant to the business goals of the organization. The strategy must define the processes/procedures/practices required to achieve the highest possible degree of maintenance management and maintenance effectiveness while minimizing the total life-cycle costs of new assets and current operating expenses of existing investments.

Targeted Groups

This maintenance planning and scheduling course is for Those involved in the planning, supervision, or management of maintenance activities and anyone interested in learning more about the critical role of maintenance in a company.

Course Objectives

At the end of this maintenance planning and scheduling course, the participants will be able to:

- Gain an understanding of the critical contribution to be made by maintenance to the achievement of business objectives.
- Learn how to establish a strategic framework for effective maintenance management.
- Understand the roles, processes, and procedures to ensure organizational effectiveness.
- Learn to establish parameters for the measurement of management and technical performance on all organizational levels.
- Improve overall equipment performance while ensuring long-term asset health.

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Targeted Competencies

By the end of this maintenance planning and scheduling course, the target audience will be able to evolve the ability:

- Maintenance planning and scheduling.
- Maintenance theory and practice.
- Advanced maintenance management.
- Maintenance work processes.
- Influence and communication skills.
- Financial evaluation.
- Safety theories and principles.
- Performance management.

Course Content

Unit 1: Maintenance Objectives and Strategy

- Changes of relevance to maintenance.
- Role of maintenance in modern business.
- Reducing costs and improving performance.
- What is the actual downtime cost?
- Maintenance cost and value.
- Bottom-line benefits.
- Maintenance evolution - history and contemporary thinking.
- Brief historical overview of maintenance.
- Maintenance types.
- Maintenance plan.
- World-class reliability and maintenance.

Unit 2: World-Class Standards - Comparing Your Plant With The Best

- Benchmarking and maintenance performance assessment.
- Maintenance self-assessment
- Managing and measuring progress to Excellence.
- Overall equipment effectiveness.

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Unit 3: Implementing New Management Approaches

- Failure Management Programme RCM.
- Total Productive Maintenance TPM.
- Life-cycle costing.
- Getting the best from your CMMS.
- Computerized maintenance management.
- Why did CMMS implementation fail?

Unit 4: Optimising Maintenance Organization

- Operations excellence.
- Operations + maintenance = production.
- Can operations manage maintenance?
- A Driving lesson for operations and maintenance.
- 70/30 phenomenon.
- Contract maintenance or not?
- Maintenance management legends.

Unit 5: Maintenance Planning and Control

- Maintenance workflow process.
- Work requests and work orders.
- Work planning and scheduling.
- Backlog management.
- Resource management.
- Spare parts management.
- Maintenance master budget.
- Capital budgeting.
- Maintenance initiatives.
- Replacement analysis of assets.
- Maintenance operating budget.
- Innovation and creativity.

Certificate in Maintenance Management

This maintenance management training course is designed to provide participants with a certificate in maintenance management upon successful completion. As part of our maintenance planner training course, attendees will immerse themselves in the depth of maintenance planning and scheduling training, learning best practices and gaining valuable skills for creating effective management and maintenance plans.

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Those looking to enhance their careers will find that this maintenance planning training course delivers critical insights into the world of maintenance planning and management, preparing them for roles that require adept knowledge in maintenance planning and scheduling. By integrating maintenance management course theories with hands-on applications, participants will emerge ready to contribute to their organization's success.