



Maintenance & Reliability Management

# Maintenance Management and Cost Optimization

## Course Introduction

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This course is designed to provide maintenance planners, maintenance and reliability engineering, maintenance programmers, and maintenance managers with the skills and knowledge to enable and facilitate the development of an advanced and integrated maintenance cost control management system. Maintenance Cost Control introduces delegates to concepts and techniques that can help to lift the maintenance performance and the contribution of maintenance to business performance to a higher level. Provides essential knowledge and skills to achieve optimal performance of equipment, structures, and systems, and improve maintenance procedures to gain maximum return on investment. Maintenance managers will master the methods for increasing asset utilization rates, decreasing costs and downtimes, and ensuring high safety and quality standards.

## Target Audience

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- Maintenance Planners
- Maintenance and Reliability Engineering
- Maintenance Programmers
- Maintenance Team leaders and Managers
- Operations Team Leaders and Managers
- Planners, schedulers.
- Project managers, project engineers

## Learning Objectives

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- Understand the definition and objectives of maintenance Management
- List the maintenance management strategies and tactics
- Calculate the total cost of maintenance for their own production plant

- Build a strategy and business case to eliminate waste and develop lower maintenance costs without losing reliability
- Clarify the EAMS main modules and functions
- Assess the Asset Management capability of the organization and design a strategy for enhancement.
- Decide on appropriate maintenance KPIs and compose a balanced scorecard for the maintenance department.

## Course Outline

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### • 01 DAY ONE

#### **Overview on maintenance Management Concepts.**

- Main maintenance definition and terminologies.
- Maintenance management objectives.
- Maintenance Management ideal model.

### • 02 DAY TWO

#### **Maintenance strategies.**

- Maintenance main strategies and tactics.
- Develop and creation for Maintenance Strategies.
- Advanced Maintenance policies (RBI, RCM, CBM).
- Reliability Excellence and reliability culture.

### • 03 DAY THREE

#### **Overview on EAMS systems.**

- EAMS main modules and functions.
- EAMS selection and implementation.
- Inventory Management
- Human capital management

### • 04 DAY FOUR

#### **Budget estimation**

- Maintenance Budget Control
- Maintenance Budget optimization

• 05 DAY FIVE

**Maintenance performance management overview.**

- Maintenance performance measurements and reporting.
- Develop maintenance KPIs.
- Maintenance KPIs, benchmarks and best practices

# Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 16, 2025	June 20, 2025	5 days	4250.00 \$	UAE - Dubai
Aug. 25, 2025	Aug. 29, 2025	5 days	4950.00 \$	Netherlands - Amsterdam
Oct. 13, 2025	Oct. 17, 2025	5 days	4950.00 \$	Netherlands - Amsterdam
Oct. 20, 2025	Oct. 24, 2025	5 days	2150.00 \$	Virtual - Online