

**ISTANBUL-TURKEY**

**15-19 Dec 2025**

## **Advanced Mechanical Maintenance Management**

### **Why Choose this Training Course?**

Our Advanced Mechanical Maintenance Management course offers a deep dive into modern maintenance engineering practices. Tailored for professionals, this program equips participants with advanced strategies and techniques crucial for optimizing maintenance operations and ensuring the long-term reliability of mechanical systems.

Through interactive sessions, case studies, and practical exercises, participants will explore predictive maintenance, reliability-centered maintenance, and strategic asset management principles. Key focuses include robust maintenance planning, advanced failure analysis, and leveraging condition monitoring technologies.

Ideal for maintenance managers, engineers, and technicians, this course empowers individuals to enhance their professional skills, drive positive change, and excel in maintenance management roles.

### **What are the Goals?**

- Advanced maintenance strategies, including predictive maintenance, reliability-centered maintenance (RCM), total productive maintenance (TPM), and asset management principles.
- In-depth analysis of maintenance planning, scheduling, and execution methodologies.
- Advanced failure analysis techniques to mitigate downtime and enhance equipment reliability.

- Implementation of cutting-edge condition monitoring technologies for proactivemaintenance interventions.
- Strategic approaches to asset lifecycle management and optimization.
- Master advanced maintenance strategies and techniques.
- Develop strategic skills in maintenance planning and scheduling.
- Enhance their ability to analyze failures and implement effective preventive measures.
- Implement advanced condition monitoring technologies for predictive maintenance.
- Understand the strategic importance of asset management and optimization.

## Who is this Training Course for?

This training course is suitable for a wide range of professionals but will greatly benefit:

Individuals seeking to enhance their expertise in maintenance management. Professionals responsible for overseeing maintenance operations and strategies. Those looking to advance their careers in maintenance engineering and management.

Organizations committed to optimizing their maintenance practices and improving asset performance.

## How will this Training Course be Presented?

In addition to a set of slides and a training manual, a highly interactive instructor presentation of the most important concepts, procedures, and issues will be provided. Furthermore, the course will also use several interactive Workshops and Exercises. In addition, a selected number of highly appropriate Videos will be shown.

## Course Outlines

### Day 1: Advanced Maintenance Management Principles

- Advanced concepts in maintenance strategy development
- Integration of maintenance with overall business objectives
- Performance metrics and key performance indicators (KPIs) in maintenancemanagement
- Benchmarking and best practices in maintenance management
- Change management in maintenance organizations
- Leadership and communication skills for maintenance managers
- Risk management in maintenance operations
- Regulatory compliance and safety considerations in maintenance
- Continuous improvement methodologies in maintenance management
- Sustainable maintenance practices







