



London TDM

Engineering and Technical Skills Training Courses

Course Venue: United Arab Emirates - Dubai

Course Date: From 19 October 2025 To 23 October 2025

Course Place: Downtown Dubai

Course Fees: 5,000 USD

Introduction

Maintenance Planning and Scheduling is a strategic course designed to equip professionals with the necessary skills to optimize maintenance operations, improve equipment reliability, and enhance productivity. Over the span of this five-day course, participants will gain a comprehensive understanding of planning and scheduling essentials, learn best practices, and become adept at using modern tools and techniques to streamline maintenance activities.

Objectives

- Understand the key principles of maintenance planning and scheduling.
- Learn how to develop effective maintenance plans and schedules.
- Gain insights into resource allocation and management.
- Explore strategies to minimize downtime and improve asset reliability.
- Enhance decision-making skills through data-driven approaches.

Course Outlines

Day 1: Introduction to Maintenance Planning

- Overview of maintenance strategies and types
- Importance of planning and scheduling in maintenance
- Key concepts and terminology
- Roles and responsibilities of a maintenance planner
- Understanding the maintenance workflow

Day 2: Developing Maintenance Plans

- Steps to create a comprehensive maintenance plan
- Identifying maintenance tasks and priorities
- Selecting appropriate maintenance strategies
- Creating a maintenance task list
- Managing maintenance backlogs

Day 3: Scheduling Techniques and Tools

- Principles of effective scheduling
- Utilizing scheduling software and tools
- Gantt charts and other visual aids
- Coordinating with operations and other departments
- Best practices for schedule optimization

Day 4: Resource Management and Optimization

- Allocation of labor, materials, and equipment
- Balancing workload and resources
- Forecasting and demand planning
- Leveraging subcontractor capabilities
- Monitoring resource utilization and costs

Day 5: Continuous Improvement and Performance Measurement

- Key performance indicators for maintenance
- Continuous improvement techniques in maintenance
- Analyzing maintenance performance data
- Feedback loops and adjusting plans
- Case studies and real-world applications