



London TDM

# Engineering and Technical Skills Training Courses

**Course Venue:** Malaysia - Kuala Lumpur

**Course Date:** From 02 November 2025 To 06 November 2025

**Course Place:** Royale Chulan Hotel

**Course Fees:** 6,000 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