

The Complete Course on Maintenance Planning and Scheduling

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Sharm El-Sheikh (Egypt)

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The Complete Course on Maintenance Planning and Scheduling

2022-2025 **2566670000** **Location:** Sharm El-Sheikh (Egypt) **Fees:** 4200 GBP

Course Description

This intensive 5-day course provides a comprehensive understanding of maintenance planning and scheduling principles. Participants will learn to optimize maintenance operations, improve efficiency, and reduce costs through effective planning and scheduling techniques. The course covers critical aspects of maintenance management, from work order systems to performance metrics.

Learning Objectives

- Understand the fundamentals of maintenance planning and scheduling
- Develop skills to create effective job plans and schedules
- Learn to prioritize work orders and manage backlogs efficiently
- Gain insights into resource allocation and optimization
- Master techniques for shutdown planning and execution
- Implement performance measurement and continuous improvement strategies

Course Modules

Day 1: Foundations of Maintenance Planning and Scheduling

- Introduction to maintenance management concepts
- The role of planning and scheduling in maintenance excellence
- Work order systems and prioritization
- Maintenance types and their impact on planning

Day 2: Effective Job Planning

- Job plan development and components
- Estimating work and resource requirements
- Parts and materials management
- Job kitting and preparation

Day 3: Scheduling Techniques and Best Practices

- Creating master schedules
- Resource leveling and constraint management
- Coordination with operations and other departments
- Schedule compliance and performance tracking

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. The board is checkered, and there are concentric circles in the background.

Day 4: Advanced Planning and Scheduling Topics

- Shutdown, turnaround, and outage planning
- Managing contractor resources
- Backlog management strategies
- Using CMMS for planning and scheduling

Day 5: Performance Measurement and Continuous Improvement

- Key performance indicators for maintenance
- Data analysis and reporting techniques
- Implementing a culture of continuous improvement
- Action planning for maintenance excellence

Practical Wins for Participants

- Ability to create comprehensive job plans that increase wrench time
- Skills to develop efficient weekly schedules that optimize resource utilization
- Techniques to reduce maintenance backlog and improve schedule compliance
- Strategies to implement performance metrics that drive continuous improvement