

MAINTENANCE PLANNING AND SCHEDULING FOR OIL INSTALLATIONS

Start Date:	16/11/2026	End Date:	20/11/2026
Categories:	Oil & Gas	Venues:	London
Formats:	In Person	Instructors:	

OVERVIEW

This course equips participants with essential skills to plan and schedule maintenance activities efficiently in oil & gas facilities. It focuses on preventive strategies, resource coordination, and minimizing downtime.

OBJECTIVES

By the end of this course, participants will be able to:

- Develop maintenance schedules aligned with operational priorities.
- Apply planning techniques to manage preventive and corrective tasks.
- Allocate resources and manage material availability effectively.
- Coordinate maintenance with production to reduce disruptions.
- Monitor maintenance performance using KPIs and planning tools.

COURSE OUTLINE

1. Maintenance Strategy and Planning Fundamentals
2. Work Order Management and Job Scoping
3. Scheduling Techniques and Tools (Gantt, CPM)
4. Coordination and Communication with Operations
5. Performance Measurement and Continuous Improvement

TARGET AUDIENCE

Maintenance planners, reliability engineers, plant supervisors, and operations personnel responsible for maintenance execution.

METHODOLOGY

Work planning labs, schedule development sessions, case analysis, and KPI review.

CONCLUSION

Participants will return with actionable skills to enhance maintenance efficiency and reduce operational downtime through structured planning and scheduling.

DAILY AGENDA

Day 1: Foundations of Maintenance Strategy

Overview of preventive, predictive, and corrective maintenance approaches.

Day 2: Planning and Work Preparation

Work order generation, task breakdown, and job planning best practices.

Day 3: Scheduling and Time Management

Applying scheduling tools, resource leveling, and critical path analysis.

Day 4: Execution Coordination and Field Integration

Communicating with operations and managing field execution effectively.

Day 5: KPI Tracking and Continuous Improvement

Analyzing maintenance performance metrics and optimizing future schedules.

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