

Maintenance, Planning, Scheduling & Control

Oil & Gas Engineering
Rome (Italy)
07 - 18 Apr 2025

UK Traininig

PARTNER



Maintenance, Planning, Scheduling & Control

Ref: 3337_131458 **Date:** 07 - 18 Apr 2025 **Location:** Rome (Italy) **Fees:** 7100 **Euro**

Introduction

Maximizing assets availability and reliability with the optimal cost are two conflicting objectives that each maintenance department needs to achieve. Maintenance planning and scheduling is the first step needed to assist you in achieving these objectives. Maintenance planning and scheduling are not only about using project management software to schedule tasks. Besides planning and scheduling activities the planner needs to ensure that all logistics are provided for. The planner will also need to be engaged in the financial evaluation of maintenance initiatives. Once the planning is done right, the next step will be to ensure that all the work orders are executed as per the plan and in compliance with all Health, Safety, and Environment HSE guidelines as well as company policies and procedures. In this training, various techniques will be discussed that will assist you in due course to plan, schedule, and control all your maintenance work orders for maximum effectiveness

Course Objectives of Maintenance Planning, Scheduling, and Control

- Apply the latest concepts and techniques needed for effectively planning, scheduling, and controlling maintenance activities.
- Manage routine, corrective, as well as large scale preventive maintenance activities.
- Review the critical operational requirements for successful planning and control of the maintenance work.
- Use the right Key Performance Indicators KPIs for the measurement and evaluation of the maintenance department.

Course Outline of Maintenance Planning, Scheduling, and Control

Day 1

Objectives of Maintenance

- What Is Maintenance?
- Evolution of Maintenance
- Challenges Facing Maintenance
- Types of Maintenance

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) on it. The board is white and black, and the pieces are gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

UK Training
PARTNER

- Classification of Roles in Maintenance
- Customer Service in Maintenance

Day 2

The Work Order System

- Purpose of the Work Order System
- Information Collected on a WO
- Job Estimating Methods
- Prioritizing Maintenance Work

Day 3-4

Preventive Maintenance PM

- Understanding PM
- Implementing a PM Program
- Establishing Scheduling
- Breaking a Facility Into Logical Parts
- Developing an Equipment List
- Writing PMs
- Developing Equipment Manuals
- Setting Up Inventory

Day 5

Planning and Scheduling of Major Maintenance WOs and Shutdowns

- Planning and Scheduling
- Work Breakdown Structure
- Critical Path Method CPM

Day 6

Resource Scheduling and Leveling Life Cycle Cost of Equipment

- Capital Budgeting
- Accounting Rate of Return ARR
- Payback Method
- Net Present Value Method NPV
- Replacement Analysis of Equipment

Day 7

Planning and Controlling Maintenance Materials

- Inventory Costs

UK Training

PARTNER



- Considerations in Inventory Decisions
- Economic Order Quantity EOQ
- Total Material Cost
- When to Order

Day 8

Safety in Maintenance

- Myths About Safety
- Accidents and Injuries
- Unsafe Acts and Unsafe Conditions
- Cost of Accidents
- Safety Audit

Day 9-10

Controlling Maintenance Work

- Measuring Performance
- Sources of Data
- Backlog Indices
- Schedule Compliance
- PM and Emergency Indices
- Productivity Indicators

UK Training
PARTNER



Blackbird training cities

Accra1 (Ghana)

Amman (Jordan)

Amsterdam (Netherlands)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston,Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Traininig
PARTNER



Blackbird Training Category



Human Resources



Audit & Quality Assurance



Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



UK Training
PARTNER



BLACKBIRD
FOR TRAINING

LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335