

Maintenance, Planning, Scheduling & Control Mastery Course

Oil & Gas Engineering
Kuala Lumpur (Malaysia)
18 - 29 Aug 2025

UK Traininig

PARTNER



Maintenance, Planning, Scheduling & Control Mastery Course

Ref: 3337_138418 **Date:** 18 - 29 Aug 2025 **Location:** Kuala Lumpur (Malaysia) **Fees:** 7100 Euro

Course Description

This comprehensive 10-day course equips participants with advanced skills in maintenance planning, scheduling, and control. Attendees will learn to optimize asset performance, reduce downtime, and enhance operational efficiency through strategic maintenance management techniques. The course covers key concepts, practical tools, and industry best practices.

Learning Objectives

- Develop effective maintenance strategies aligned with organizational goals
- Master techniques for efficient work order management and prioritization
- Implement robust preventive and predictive maintenance programs
- Optimize resource allocation and scheduling for maximum efficiency
- Utilize key performance indicators KPIs to measure and improve maintenance effectiveness

Course Modules

Day 1: Foundations of Maintenance Management

- Introduction to maintenance management concepts
- Types of maintenance strategies
- Asset lifecycle management
- Maintenance organization structures

Day 2: Work Order Management

- Work order systems and processes
- Prioritization techniques
- Work order lifecycle
- Backlog management

Day 3: Maintenance Planning Fundamentals

- Planning principles and best practices
- Job plan development
- Resource estimation techniques
- Planning for different maintenance types

Day 4: Effective Maintenance Scheduling

UK Training
PARTNER



- Scheduling principles and methodologies
- Master scheduling techniques
- Short-term and long-term scheduling
- Constraint management in scheduling

Day 5: Preventive Maintenance Optimization

- Developing PM programs
- PM task selection and frequency optimization
- Condition-based maintenance integration
- PM program auditing and improvement

Day 6: Predictive Maintenance Strategies

- Introduction to predictive maintenance
- Condition monitoring techniques
- Data analysis for predictive maintenance
- Implementing a PdM program

Day 7: Maintenance Inventory and Procurement

- Spare parts management
- Inventory optimization techniques
- Procurement strategies for maintenance
- Vendor management and partnerships

Day 8: Maintenance Performance Measurement

- Key Performance Indicators KPIs for maintenance
- Benchmarking techniques
- Performance reporting and dashboards
- Continuous improvement strategies

Day 9: Maintenance Cost Control

- Maintenance budgeting principles
- Cost estimation and control techniques
- Life cycle cost analysis
- Return on investment ROI calculations

Day 10: Computerized Maintenance Management Systems CMMS

- CMMS functionality and selection
- Data management and analysis
- CMMS implementation best practices
- Leveraging CMMS for improved decision-making

A graphic of a chessboard with several chess pieces, including a king, queen, and pawns, arranged on it. The board is white and black, and the pieces are gold and silver.

UK Training
PARTNER

Practical Wins for Participants

- Develop a customized maintenance strategy aligned with organizational goals
- Create efficient work order and scheduling processes to reduce maintenance backlog
- Implement a balanced preventive and predictive maintenance program to minimize unplanned downtime
- Establish a performance measurement system to drive continuous improvement in maintenance operations

A graphic of a chessboard with several chess pieces (a king, a queen, and a pawn) positioned on it. The board is checkered, and the pieces are in gold and silver. In the background, there are concentric circles radiating from the center of the board.

UK Training
PARTNER

Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

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 Training
PARTNER

Blackbird Training Category



Human Resource



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



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335