BLACKBIRD FOR TRAINING

Maintenance, Planning, Scheduling & Control

Prague (Czech)

6 - 17 October 2025

UK Traininig

PARTNER

www.blackbird-training.com

Maintenance, Planning, Scheduling & Control

Code: OG28 From: 6 - 17 October 2025 City: Prague (Czech) Fees: 8600 Pound

Introduction

The Maintenance Planning, Scheduling, and Control course aims to provide participants with the latest concepts and techniques needed for effective planning and precise management of maintenance activities. The course begins with a basic introduction to maintenance objectives and their evolution, followed by a review of work order systems and prioritization of tasks. It then covers the implementation of preventive maintenance, the creation of appropriate programs, and scheduling. The course also focuses on proper planning and scheduling of orders, as well as resource management and equipment life cycle costs. Essential topics in material planning and workplace safety are also addressed, culminating in the control of maintenance operations through performance measurement and the use of effective Key Performance Indicators KPIs. The goal of the course is to enhance the efficiency and performance of the maintenance department and ensure maintenance is executed systematically and safely.

Course Objectives

- 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

Day 1

Objectives of Maintenance

- What Is Maintenance?
- Evolution of Maintenance.
- Challenges Facing Maintenance.
- Types of Maintenance.
- Classification of Roles in Maintenance.
- Customer Service in Maintenance.

Day 2

The Work Order System

- Purpose of the Work Order System.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

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

Day 8

Safety in Maintenance

- Myths About Safety.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

- 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.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

Europe

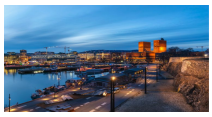
Malaga (Spain)

Sarajevo (Bosnia and Herzegovina)

Cascais (Portugal)

Glasgow (Scotland)

Edinburgh (UK)

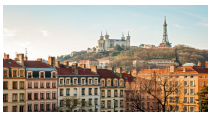

Oslo (Norway)

Annecy (France)

Bordeax (France)

Copenhagen (Denmark)

Birmingham (UK)


Lyon (France)

Moscow (Russia)

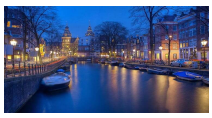
Stockholm (Sweden)

Podgorica (Montenegro)

Batumi (Georgia)

London (UK)

Istanbul (Turkey)


Amsterdam

(Netherlands)

Düsseldorf (Germany)

Paris (France)

Barcelona (Spain)

Munich (Germany)

Geneva (Switzerland)

Prague (Czech)

Vienna (Austria)

Rome (Italy)

Brussels (Belgium)

Madrid (Spain)

Berlin (Germany)

Lisbon (Portugal)

Zurich (Switzerland)

Manchester (UK)

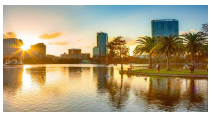
Milan (Italy)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

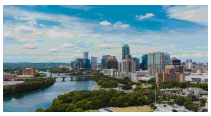
USA & Canada

Los Angeles (USA)


Orlando, Florida (USA)

Online

Phoenix, Arizona (USA)


Houston, Texas (USA)

Boston, MA (USA)

Washington (USA)

Miami, Florida (USA)

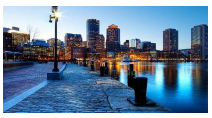
New York City (USA)

Seattle, Washington (USA)

Washington DC (USA)

In House

Jersey,New Jersey (USA)


Toronto (Canada)

Africa

Baku (Azerbaijan)
(Thailand)

Maldives (Maldives)

Doha (Qatar)

Manila (Philippines)

Bali (Indonesia)

Bangkok

Beijing (China)

Singapore (Singapore)

Sydney (Australia)

Tokyo (Japan)

Jeddah(KSA)

Riyadh(KSA)

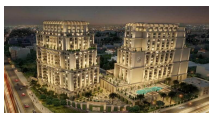
Dubai (UAE)

Kuala Lumpur (Malaysia)

Kuwait City (Kuwait)

Pulau Ujong (Singapore)

Jakarta (Indonesia)


Amman (Jordan)

Beirut (Lebanon)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

Asia

Kigali (Rwanda)

Cape Town (South Africa)

Accra (Ghana)

Lagos (Nigeria)

Marrakesh (Morocco)

Nairobi (Kenya)

Zanzibar (Tanzania)

Tangier (Morocco)

Cairo (Egypt)

Sharm El-Sheikh (Egypt)

Casablanca (Morocco)

Tunis (Tunisia)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

BLACKBIRD FOR TRAINING

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, **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 Administraion **Nigeria**

National Industries Group (Holding), **Kuwait**

Hamad Medical Corporation, **Qatar**

USAID **Pakistan**

STC Solutions, **KSA**

North Oil company,

EKO Electricity

Oman Broadband

UN.

Authority for

UK Trainingi **PARTNER**

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Categories

Management & Admin

- Professional Skills
- Finance, Accounting, Budgeting
- Media & Public Relations
- Project Management
- Human Resources
- Audit & Quality Assurance
- Marketing, Sales, Customer Service
- Secretary & Admin
- Supply Chain & Logistics
- Management & Leadership
- Agile and Elevation

Technical Courses

- Hospital Management
- Public Sector
- Special Workshops
- Oil & Gas Engineering
- Telecom Engineering
- IT & IT Engineering
- Health & Safety
- Law and Contract Management
- Customs & Safety
- Aviation
- C-Suite Training

International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

+44 7401 1773 35
+44 7480 775526

Sales@blackbird-training.com

www.blackbird-training.com