

Advanced Drilling Best Practices: Optimizing Well Performance

Oil & Gas Engineering
Amsterdam (Netherlands)
20 - 24 Oct 2025

UK Traininig

PARTNER



Advanced Drilling Best Practices: Optimizing Well Performance

Ref: 321381_139310 **Date:** 20 - 24 Oct 2025 **Location:** Amsterdam (Netherlands) **Fees:** 4200 Euro

Course Description

This intensive 5-day course covers advanced drilling techniques and best practices to optimize well performance and operational efficiency. Participants will gain in-depth knowledge of modern drilling technologies, problem-solving strategies, and innovative approaches to enhance drilling operations across various environments.

Learning Objectives

- Master advanced drilling techniques and technologies
- Develop skills in comprehensive well design and planning
- Optimize drilling fluid selection and management
- Enhance problem-solving abilities for complex drilling scenarios
- Implement cost-effective and efficient drilling strategies

Course Modules

Day 1: Advanced Drilling Technologies and Well Planning

- Overview of cutting-edge drilling technologies
- Comprehensive well design and planning strategies
- Risk assessment and mitigation in complex drilling operations
- Integration of real-time data for informed decision-making

Day 2: Drill String Mechanics and Optimization

- Advanced drill string design and analysis
- Optimizing weight on bit WOB and rotary speed
- Drill string vibration management
- Bottom Hole Assembly BHA design for directional control

Day 3: Drilling Fluid Management and Hydraulics

- Advanced drilling fluid selection and formulation
- Hydraulics optimization for improved hole cleaning
- Managing drilling fluids in challenging environments
- Wellbore stability and fluid interaction

Day 4: Directional Drilling and Wellbore Trajectory

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) on it. The text 'UK Training PARTNER' is overlaid on the right side of the chessboard.

UK Training
PARTNER

- Advanced directional drilling techniques
- Trajectory optimization for complex well profiles
- Geosteering and real-time trajectory adjustments
- Multi-lateral and extended reach drilling considerations

Day 5: Problem Solving and Performance Optimization

- Advanced stuck pipe prevention and recovery techniques
- Lost circulation management strategies
- Optimizing Rate of Penetration ROP
- Case studies and lessons learned from challenging drilling operations

Practical Wins for Participants

- Ability to design and implement advanced drilling programs
- Enhanced problem-solving skills for complex drilling challenges
- Improved operational efficiency and cost reduction strategies
- Networking opportunities with industry experts and peers

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