

Petroleum Project Economics & Financial Modelling Course

Oil, Gas & Energy Industry Specialization
Cairo (Egypt)
16 - 20 Nov 2025

UK Traininig

PARTNER



Petroleum Project Economics & Financial Modelling Course

Ref: 321529_132136 **Date:** 16 - 20 Nov 2025 **Location:** Cairo (Egypt) **Fees:** 3300 **Euro**

Course Description

This comprehensive 5-day course equips participants with advanced skills in petroleum project economics and financial modeling. Attendees will learn to construct robust financial models, evaluate project viability, and assess risks in the oil and gas industry. The course combines theoretical concepts with practical applications, enabling participants to make informed investment decisions.

Learning Objectives

- Develop proficiency in building comprehensive financial models for oil and gas projects
- Master techniques for cash flow analysis, project ranking, and economic indicator calculations
- Understand risk assessment methodologies and sensitivity analysis in petroleum economics
- Learn to evaluate and compare different fiscal regimes in the oil and gas sector
- Gain skills in decision-making under uncertainty using probabilistic analysis

Course Modules

Day 1: Fundamentals of Petroleum Economics

- Introduction to petroleum economics and financial modeling
- Key economic indicators in oil and gas projects
- Time value of money and discounted cash flow analysis
- Overview of fiscal regimes in the petroleum industry

Day 2: Building Financial Models

- Structuring financial models for oil and gas projects
- Revenue forecasting and production profiles
- Cost estimation: CAPEX, OPEX, and abandonment costs
- Depreciation methods and tax calculations

Day 3: Economic Analysis and Project Evaluation

- Net Present Value NPV and Internal Rate of Return IRR calculations
- Payback period and profitability index
- Project ranking and screening techniques
- Incremental analysis and optimization

Day 4: Risk Analysis and Decision Making

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

UK Training
PARTNER

- Identifying and quantifying project risks
- Sensitivity analysis and tornado diagrams
- Monte Carlo simulation for probabilistic analysis
- Decision tree analysis for sequential investment decisions

Day 5: Advanced Topics and Case Studies

- Evaluation of different fiscal regimes
- Portfolio analysis and optimization
- Real options analysis in petroleum projects
- Integrated case study: Full-cycle economic evaluation

Practical Wins for Participants

- Ability to construct comprehensive financial models for oil and gas projects
- Improved decision-making skills for investment analysis in the petroleum sector
- Enhanced risk assessment and management capabilities for energy projects
- Proficiency in using advanced analytical tools for project evaluation and optimization

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric circles emanating from a point on 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 Resources Management



Audit & Quality



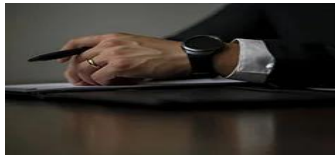
Finance, Economics & Markets



Marketing, Sales & Negotiation



Secretary & Admin



Governance, Risk, & Compliance (GRC)



Project Management



Technology & Digital Transformation



Procurement, Contracts & Supply Chain



Leadership & Management Development



Professional Skills & Career Enhancement



Oil, Gas & Energy Industry Specialization



Healthcare & Safety Management



Telecom Engineering



Hospital Management



Customs Management & Global Trade Compliance



Aviation, Transportation & Logistics



Board Members & C-Suite Development



Agile and Refinement



Business Strategy & Competitive Analysis

Operational Risk Management



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