

Oil and Gas Financial Modeling: Mastering Industry Analysis

2027 11 - 7
Istanbul (Turkey)

UK Training

PARTNER



Oil and Gas Financial Modeling: Mastering Industry Analysis

~~R2022292021192577~~ **Location:** Istanbul (Turkey) **Fees:** 4900 GBP

Course Description

This intensive 5-day course provides a comprehensive introduction to financial modeling in the oil and gas industry. Participants will learn industry-specific accounting principles, valuation techniques, and forecasting methods. The course combines theoretical concepts with hands-on practice, enabling attendees to build complex financial models for oil and gas projects.

Learning Objectives

- Understand key financial and operational metrics specific to the oil and gas industry
- Develop proficiency in building integrated financial models for oil and gas companies
- Master valuation techniques including DCF, NAV, and comparable company analysis
- Gain skills in forecasting production, revenues, and expenses for oil and gas projects
- Learn to analyze and model various financing structures and M&A scenarios

Course Modules

Day 1: Industry Overview and Financial Statement Analysis

- Oil and gas industry structure and value chain
- Key operational metrics: reserves, production, and pricing
- Industry-specific accounting principles and financial statement analysis
- Building a historical financial statement model

Day 2: Forecasting and Projections

- Production profile modeling and decline curve analysis
- Revenue forecasting: price deck development and sensitivity analysis
- Operating cost projections and capital expenditure modeling
- Creating projected financial statements

Day 3: Valuation Techniques

- Discounted Cash Flow DCF analysis for oil and gas companies
- Net Asset Value NAV modeling
- Comparable company and transaction analysis
- Sensitivity and scenario analysis

A graphic featuring a chessboard with several chess pieces (a king, a queen, and a pawn) and the text 'UK Training PARTNER' overlaid. The text 'UK Training' is in a smaller font above the word 'PARTNER' which is in a large, bold, black font.

Day 4: Advanced Modeling Techniques

- Modeling complex capital structures and debt covenants
- Cash flow waterfalls and distribution modeling
- Joint venture and carried interest structures
- Incorporating commodity price hedging into financial models

Day 5: M&A and Investment Analysis

- Merger model construction for oil and gas transactions
- Accretion/dilution analysis
- Leveraged buyout LBO modeling for oil and gas assets
- Investment case studies and decision analysis

Practical Wins for Participants

- Ability to construct a comprehensive financial model for an oil and gas company from scratch
- Proficiency in valuing oil and gas assets and companies using industry-standard methodologies
- Skills to analyze and model complex financing structures and M&A scenarios in the sector
- Capacity to make data-driven investment and strategic decisions in the oil and gas industry

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The board is checkered and has a subtle grid pattern. The text 'UK Training' is in a small, sans-serif font, and 'PARTNER' is in a large, bold, sans-serif font, both in black.

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