

Oil and Gas Modelling: A Practical Approach

COURSE OVERVIEW

This is a hands-on program designed to equip participants with the practical skills and knowledge required to develop, analyze, and interpret financial and operational models specific to the oil and gas industry. The course blends theoretical foundations with real-world case studies, guiding participants through the complexities of exploration, production, refining, and project evaluation. By focusing on applied methodologies, it ensures participants gain confidence in building robust models that support strategic decision-making in upstream, midstream, and downstream operations.

WHO SHOULD ATTEND?

This course is designed for finance professionals, analysts, engineers, project managers, and consultants working in or aspiring to enter the oil and gas sector. It is also highly beneficial for early-career professionals, and decision-makers seeking to deepen their industry-specific modelling capabilities. Prior knowledge of Excel and a basic understanding of financial concepts are advantageous but not mandatory.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Develop a strong understanding of industry-specific financial and operational drivers in oil and gas.
- Gain proficiency in building and interpreting cash flow and valuation models for oil and gas projects.
- Apply modelling techniques to assess exploration, production, and project economics.
- Enhance decision-making through scenario and sensitivity analysis.
- Bridge the gap between technical operations and financial performance evaluation.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Practical, step-by-step modelling exercises tailored to oil and gas operations.
- Real-world case studies from upstream, midstream, and downstream projects.
- Focus on industry-relevant metrics such as reserves, production profiles, and project economics.
- Scenario and sensitivity analysis for risk evaluation.
- Templates and tools for immediate workplace application.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded