XCELERATE TRAINING INSTITUTE

your learning & development partner

ACCOUNTING & FINANCE

Oil and Gas Financial Modelling Training Course

DURATION	LANGUAGE	FORMAT
5 days	English	Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
17 – 21 May 2027	Live online	Online (live)	€1,200
22 – 26 Nov 2027	Live online	Online (live)	€1,200
27 – 31 Dec 2027	Boston	Classroom	€5,500

Register or ask a question

Online: x8ti.com/course/oil-and-gas-financial-modelling-training-course/

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Oil and Gas Financial Modelling Training Course

Introduction

An Oil and Gas Financial Modeller specializes in energy assets and projects, creating models like the Net Asset Value (NAV) model. This role requires advanced MS Excel skills for analysis, which provides a competitive edge. Key areas include the Exploration and Production (E&P) segment and cash flow estimation. This course teaches MS Excel from basic to advanced levels, enabling participants to excel in financial modelling for the oil and gas industry. Xcelerate Training Institute trains individuals to become proficient in developing, analyzing, and utilizing financial models effectively.

Learning Objectives

The Oil & Gas Financial Modelling course aims to:

- Enhance the quality and quantity analysis of corporate presentations.
- Present data both visually and numerically.
- Determine the appropriate discount rate.
- Apply financial modelling effectively in oil and gas organizations.
- Learn and use investment appraisal techniques.
- Master Excel techniques for financial modelling.
- Forecast and accurately assess the cost of equity.
- Gain confidence to question decisions with solid evidence and reasoning.
- Understand the difference between forecasting and modelling.
- Use statistics to improve business targets and operations.
- Analyze financial and accounting statements.
- Learn and apply DCF, NAV, LBO, and M&A modelling.
- Create and analyze transaction and company data.

Training Methodology

Xcelerate Training Institute designs courses to meet the needs of evolving industries. Trainers are highly professional and experienced in their fields. The course involves role-plays, individual and group activities, and real-world projects, ensuring practical learning through the Do–Review–Learn–Apply Model.

Benefits for Your Organisation

Organizations will benefit from:

- Utilization of current modelling techniques.
- Efficient analysis for business operation improvements.
- Application of best financial modelling practices in the oil and gas industry.
- Improved decision-making through in-depth analysis.
- Enhanced employee capabilities in data presentation for decision-making.
- Advanced Excel skills for organizational advantage.
- High-standard financial documents.

- Correct discount rate determination.
- Confident employees making accurate forecasts about energy assets and projects.

Benefits for You

Participants will gain:

- Advanced Excel skills for financial modelling.
- Application of financial modelling techniques in the oil and gas industry.
- Confidence to challenge decisions based on modelling expertise.
- Positive impact on colleagues through advanced skillset.
- Improved analysis and critical thinking abilities.
- Capability to set and achieve long-term and short-term targets.
- Enhanced performance assessment skills.
- Clear understanding of differences between modelling and forecasting.
- Proficiency in business statistics.
- Ability to visually present data analysis.
- Knowledge of industry trends and application of relevant modelling techniques.

Who Should Attend

This course is ideal for:

- Individuals seeking in-depth knowledge of financial modelling in the oil and gas industry.
- Junior managers aiming to excel as financial modellers.
- Upper-level management responsible for decision-making.
- Midlevel and senior managers involved in financial modelling tasks.
- Data analysts and specialists working with data presentation.
- Accountants and financial managers focusing on financial modelling.
- Managers interested in adopting financial modelling as a career.
- Specialists in performance monitoring.

Course Outline

Understanding the Oil and Gas (O&G) Industry

- Factors influencing natural gas and crude oil prices
- Recent industry trends
- Segments of O&G organizations
- Financial report interpretation in O&G organizations
- Industry-specific terminology

Introduction to Financial Modelling in the O&G Industry

- Developing models
- Oil and gas price forecasting
- Volume hedges and price roles

- Preparing balance sheets and comparing with cash flow statements

Different Valuation Modelling

- The 'football field' of the O&G industry
- Key modelling techniques
- Intrinsic vs. relative value

Creation of the NAV Model

- Estimating project cash flows
- Assessing the E&P segment value
- Producing and in-ground reserves
- WACC estimation
- Avoiding pitfalls

Developing Trading Comps Model

- Creating evaluation benchmarks
- Selecting comparable companies
- Accumulation projections and financial history
- Calculating LTM results
- Using the treasury stock method

Developing Transaction Comps Models

- Calculating purchase premiums
- Pricing structures: walk-away rights, collars, fixed vs. floating

M&A Modelling

- Creating merger models

Beginner Level of Excel for the O&G Industry

- Introducing data sets
- Graphical data representation
- Trend and time series analysis
- Normal distribution

Excel and Statistical Analysis

- Mean, median, kurtosis, skewness, standard deviation
- Cost of equity calculation using regression
- Equity returns analysis
- Histogram and scatter diagram
- Frequency distribution

Spread of Oil Products

- Analysis of variance (ANOVA)
- Correlation analysis
- Relationships between energy products
- Confidence intervals

Excel and Investment Appraisal

- Using IRR, payback, and NPV in investment appraisal
- Stress testing and scenario analysis
- Predicting financial distress

Upstream, Downstream, and Financial Analysis

- Financial statements
- Comprehensive ratio analysis

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Registration Form

Oil and Gas Financial Modelling Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

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Register online
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