MERCURY

Mastering Finance for Non-Financial Oil & Gas Professionals

29 August – 2 September 2027
Istanbul (Turkey)



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Mastering Finance for Non-Financial Oil & Gas Professionals

Ref: 121743_1045295 **Date:** 29 August – 2 September 2027 **Location:** Istanbul (Turkey) **Fees:** 5500 Euro

Introduction

This Mastering Finance for Non-Financial Oil & Gas Professionals course equips oil and gas professionals without a financial background with essential financial knowledge to enhance decision-making and operational efficiency. It provides an understanding of core financial principles applied specifically within the energy sector, including upstream, midstream, and downstream operations. Participants will explore how financial statements, budgeting, and cost control influence strategic performance in oil and gas organizations. The program bridges the gap between technical roles and financial literacy, enabling professionals to interpret financial data with confidence. It strengthens the ability to evaluate investment decisions, manage operational costs, and understand financial risks in complex energy environments. Learners will connect financial insights with business performance in the oil and gas industry.

Targeted Groups

This Mastering Finance for Non-Financial Oil & Gas Professionals training targets professionals seeking knowledge and skills:

- Engineers in oil and gas operations require financial awareness.
- Technical staff involved in project execution and cost tracking.
- Supervisors manage operational budgets and expenditures.
- HSE professionals are engaging in cost-related compliance decisions.
- Project managers oversee CAPEX and OPEX activities.
- Procurement officers handling vendor financial evaluations.
- Field operators supporting production cost efficiency decisions.
- Energy sector professionals transitioning into managerial roles.

Course Objectives

Participants will achieve the following objectives by completing the Mastering Finance for Non-Financial Oil & Gas Professionals course:

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- Understand the fundamentals of financial statements, including income statements, balance sheets, and cash flow reports, within the oil and gas sector.
- Interpret key financial indicators used in energy companies to assess performance and operational efficiency.
- Develop skills in budgeting and forecasting techniques tailored to upstream, midstream, and downstream operations.
- Learn cost-control methods to optimize operational expenditures and capital allocation.
- Analyze CAPEX and OPEX structures to support investment and project evaluation decisions.
- Ability to assess financial risks and apply basic risk mitigation strategies in energy projects.
- Improve decision-making by linking financial data with technical and operational performance metrics in oil and gas environments.

Targeted Competencies

Participants will gain the following competencies during the Mastering Finance for Non-Financial Oil & Gas Professionals program:

- Interpret financial statements in oil and gas operations accurately.
- Analyze budgeting frameworks and apply cost control in energy projects.
- Evaluate CAPEX and OPEX for operational and strategic planning.
- Assess financial performance indicators for data-driven decisions.
- Understand project financing and investment appraisal concepts.
- Identify financial risks and apply basic mitigation approaches.

Studying Scenarios

In this Mastering Finance for Non-Financial Oil & Gas Professionals training, participants develop skills through the following scenarios:

- Analysis of production cost structures to identify inefficiencies in upstream operations and propose corrective financial actions.
- Evaluation of project investment proposals using CAPEX justification models in oil and gas development projects.
- Interpretation of financial reports to assess the profitability of downstream refining and distribution activities.
- Examination of budget overruns in drilling operations and development of cost control strategies.
- Assessment of vendor contracts and procurement decisions based on financial impact analysis.
- Review of operational performance data to align technical output with financial objectives.

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Course Content

Unit 1: Introduction to Financial Foundations in Oil & Gas

- Understanding the role of finance in oil and gas industry operations and strategy.
- Overview of financial literacy for non-financial professionals in the energy sectors.
- Introduction to financial statements: income statement, balance sheet, cash flow.
- Key financial terminology used in upstream, midstream, and downstream activities.
- Relationship between operational performance and financial outcomes in energy projects.
- Importance of financial decision-making in technical and engineering roles.

Unit 2: Financial Statements and Performance Analysis

- Detailed breakdown of income statements in oil and gas companies.
- Understanding asset, liability, and equity structures in energy organizations.
- Cash flow analysis for operational sustainability and project continuity.
- Financial ratio analysis for measuring efficiency and profitability.
- Interpreting the cost of goods sold in extraction and production activities.
- Linking financial performance indicators with operational KPIs in oil and gas.

Unit 3: Budgeting, Forecasting, and Planning in Energy Operations

- Principles of budgeting in oil and gas operational environments.
- Techniques for developing accurate financial forecasts for energy projects.
- CAPEX planning for exploration, drilling, and infrastructure development.
- OPEX management strategies for controlling operational expenditures.
- Variance analysis for monitoring budget performance and deviations.
- Long-term financial planning with energy production cycles.

Unit 4: Cost Control and Financial Efficiency

- Cost classification methods in upstream and downstream operations.
- Identifying fixed and variable costs in oil and gas projects.
- Strategies for reducing operational inefficiencies and waste reduction.
- Activity-based costing for accurate allocation of project expenses.
- Financial impact of procurement and supply chain decisions.
- Cost optimization techniques in drilling and production processes.

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Unit 5: Investment Evaluation and Financial Risk in Oil & Gas

- Fundamentals of investment appraisal in energy sector projects.
- Net present value NPV and internal rate of return IRR concepts.
- Risk assessment frameworks for volatile oil and gas markets.
- Financial implications of exploration and production uncertainties.
- Evaluating project feasibility under fluctuating market conditions.
- Strategic financial decision-making for sustainable energy investments.

Final Insights & Key Takeaways

This course empowers non-financial oil and gas professionals with essential financial analysis skills to improve operational and strategic decision-making. It builds a strong foundation in financial literacy, enabling participants to align technical expertise with financial performance in the energy sector.