



ACCOUNTING AND FINANCE

Foundations of Financial Modeling

Course code: AF-009

SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

The Foundations of Financial Modeling training course is designed to enhance participants' analytical skills by combining essential financial knowledge with practical modeling methods. In today's fast-changing business environment, professionals need the ability to analyze financial data accurately and build models that support sound planning and decision-making. This course provides a practical and structured introduction to financial modeling, helping participants understand how effective models are designed, organized, and applied. Using realistic case studies, including examples from the oil and gas industry, participants will learn how to create and interpret models that improve budgeting, cost control, profitability measurement, and risk evaluation. The program also covers forecasting techniques, sensitivity testing, and scenario analysis to help participants respond confidently to changing market conditions such as price volatility and operational uncertainty. By the end of the course, participants will be able to develop financial models that support stronger business performance and better strategic decisions.

Why Attend

This course uses an interactive and practical approach through presentations, Excel-based workshops, financial exercises, case studies, group discussions, modeling practice, and real workplace examples.

Who Should Attend

Finance Professionals
Accountants
Financial Analysts
Budget Analysts
Project Finance Staff
Oil & Gas Professionals involved in finance
Anyone seeking practical financial modeling skills

— Learning Objectives

- Understand core finance and accounting concepts
- Build structured financial models using Excel
- Forecast financial statements and budgets
- Evaluate financing and investment decisions
- Apply sensitivity and scenario analysis
- Model risks and uncertainty effectively
- Analyze project performance using financial tools
- Improve decision-making through practical modeling techniques

Course Outline

DAY
1

Foundations of Finance

- Financial and management accounting
- Developing financial statements: income statement, balance sheet, and cashflow statements
- Financial performance using ratio analysis
- Management accounting and developing budgets
- Financial terminology explained
- Linking finance concepts to business decisions

DAY
2

Foundation of Modelling

- Basic Excel functions
- Steps to develop a financial model
- Flow charting techniques to improve modelling
- Input tables
- Pivot tables
- Foundation analysis tools in Excel

DAY
3

Financial Modelling

- Forecasting the income statement, balance sheet, and cashflow statements
- Budgeting models
- Purchase decisions
- Modelling finance decisions: equity or debt and cost of capital
- Capital investment decisions: payback, ARR, NPV and IRR using Excel
- Graphs and charts to support financial models

DAY
4

Modelling Risk Management Scenarios

- Identifying the major risks in the Oil & Gas sector
- Modelling risk and uncertainty
- Sensitivity analysis
- Scenario analysis
- Break-even analysis
- Modelling and managing changes in interest rates and exchange rates

DAY

5

Modelling the Financial Performance of Oil & Gas Projects

- Variance analysis
- Critical path analysis: financial and manpower implications
- GANTT charts
- Earned value analysis
- Managing variances
- Simulating changes in the project

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	Paris - France	€2,200
12 - 16 October 2026	Istanbul - Türkiye	€2,100
9 - 13 November 2026	Amsterdam - Netherlands	€2,125
16 - 20 November 2026	London - United Kingdom	€1,925
7 - 11 December 2026	Barcelona - Spain	€2,125
14 - 18 December 2026	Kuala Lumpur - Malaysia	€1,425
21 - 25 December 2026	Istanbul - Türkiye	€1,925
4 - 8 January 2027	Istanbul - Türkiye	€1,425

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.