informatech



ACCOUNTING AND FINANCE | AF-009

Foundations of Financial Modeling

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Course content

Why Attend

Why Attend 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.

Course Methodology 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.

Course 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 content

Target Audience

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

Target Competencies

- Financial Modeling
- Excel Analysis
- Forecasting
- Budgeting
- Investment Appraisal
- Risk Analysis
- Performance Measurement
- Decision-Making

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



Course content

Course outline

• 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



Course content

Course outline

• 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



Seminar dates

Available seminar dates

Live dates and pricing for Foundations of Financial Modeling generated from the course details page.

Date	Location	Format	Fee
7 - 11 December 2026	Barcelona - Spain	Classroom	**€3,400.-**
14 - 18 December 2026	Kuala lumpur - Malaysia	Classroom	**€2,280.-**
21 - 25 December 2026	Istanbul - Turkey	Classroom	**€3,080.-**
4 - 8 January 2027	Istanbul - Turkey	Classroom	**€2,280.-**
1 - 5 February 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
1 - 5 March 2027	Istanbul - Turkey	Classroom	**€2,280.-**
5 - 9 April 2027	Cape Town - South Africa	Classroom	**€2,272.-**
3 - 7 May 2027	Barcelona - Spain	Classroom	**€3,080.-**
7 - 11 June 2027	Munich - Germany	Classroom	**€3,400.-**
5 - 9 July 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
2 - 6 August 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
6 - 10 September 2027	London - U.K	Classroom	**€3,360.-**
4 - 8 October 2027	Paris - France	Classroom	**€3,600.-**
1 - 5 November 2027	Istanbul - Turkey	Classroom	**€2,280.-**
6 - 10 December 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**

Live online option	Online delivery is available at €1,850.-.