MERCURY

Advanced Financial Modeling

16 – 20 May 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Advanced Financial Modeling

Ref: 121662_1083463 **Date:** 16 – 20 May 2027 **Location:** Cairo (Egypt) **Fees:** 3500 Euro

Introduction

This Advanced Financial Modeling course equips learners with a strong analytical foundation in building, interpreting, and applying financial models for strategic decision-making. It focuses on transforming financial data into structured models that support valuation, forecasting, and investment analysis. Participants will gain a deep understanding of how to construct financial models within corporate finance environments. The program emphasizes practical modeling techniques used in real-world business scenarios and investment decisions. It strengthens the ability to evaluate financial performance using structured analytical frameworks. Learners will be able to develop robust models that support executive-level financial planning and analysis.

Targeted Groups

This Advanced Financial Modeling training targets professionals seeking knowledge and skills:

- Financial analysts aim to improve financial modeling techniques.
- Investment professionals working on valuation and deal analysis.
- Corporate finance teams are responsible for budgeting and forecasting.
- Accountants transitioning into financial analysis roles.
- Business consultants supporting financial decision-making models.
- Banking professionals involved in credit and risk evaluation.
- Entrepreneurs seeking structured financial planning skills.
- MBA students focusing on applied corporate finance modeling.

Course Objectives

Participants will achieve the following objectives by completing the Advanced Financial Modeling course:

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

- Develop a strong foundation in advanced financial modeling and structured financial analysis techniques used in corporate environments.
- Build and interpret Excel-based financial modeling frameworks for budgeting, forecasting, and valuation.
- Apply discounted cash flow DCF valuation model principles to assess business and investment opportunities accurately.
- Strengthen capabilities in financial statement modeling, including income statement, balance sheet, and cash flow integration.
- Master financial forecasting techniques to project business performance under varying economic conditions.
- Use sensitivity analysis and scenario analysis to evaluate risk and uncertainty in financial decisions.
- Enhance corporate finance modeling skills to support strategic planning and investment evaluation.
- Interpret key financial metrics to support data-driven decision-making in complex financial environments.
- Apply structured valuation techniques to real-world business and investment cases.
- Improve decision-making accuracy through analytical financial modeling practices aligned with industry standards.

Targeted Competencies

Participants will gain the following competencies during the Advanced Financial Modeling program:

- Develop advanced financial modeling structures for corporate and investment analysis with accuracy and clarity.
- Build integrated Excel-based financial models for forecasting and valuation purposes.
- Apply cash flow modeling techniques to evaluate business performance and investment feasibility.
- Perform valuation techniques using DCF, comparables, and financial ratio analysis.
- Conduct financial forecasting using historical data and predictive assumptions.
- Apply sensitivity analysis to assess financial risk and outcome variability.
- Construct scenario analysis models to support strategic planning decisions.
- Interpret financial statements to support modeling accuracy and investment evaluation.

Studying Scenarios

In this Advanced Financial Modeling training, participants develop skills through the following scenarios:

- Build a full corporate financial model for a growing company using historical financial data.
- Develop a DCF valuation model for a private or public company investment decision.
- Analyze financial statements to identify trends and improve forecasting accuracy.
- Create scenario analysis models to evaluate best-case and worst-case business outcomes.
- Design Excel financial modeling dashboards for executive-level reporting and decision support.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

MERCURY

Course Content

Unit 1: Foundations of Advanced Financial Modeling

- Introduction to advanced financial modeling principles and business applications.
- Understanding the structure and logic of financial modeling frameworks.
- Overview of corporate finance modeling and decision-making processes.
- Key components of financial models: inputs, calculations, outputs.
- Role of Excel financial modeling in modern financial analysis.
- Data structuring techniques for building accurate financial models.
- Best practices for model transparency, consistency, and validation.

Unit 2: Financial Statements and Analytical Interpretation

- Deep analysis of income statement structure and revenue modeling.
- Balance sheet modeling and its role in financial stability analysis.
- Cash flow statement modeling for liquidity and operational insight.
- Interlinking financial statements for integrated modeling accuracy.
- Financial ratio analysis for performance evaluation and benchmarking.
- Trend analysis techniques for historical financial interpretation.
- Identifying financial drivers impacting business performance.
- Preparing financial statements for forecasting and projection models.

Unit 3: Valuation Techniques and Investment Analysis

- Introduction to valuation techniques in corporate finance modeling.
- Building a discounted cash flow DCF valuation model step-by-step.
- Understanding terminal value and discount rate assumptions.
- Comparable company analysis for relative valuation assessment.
- Precedent transaction analysis in investment decision-making.
- Estimating the weighted average cost of capital WACC for valuation.
- Applying valuation models for mergers and acquisitions decisions.
- Interpreting valuation outputs for strategic investment planning.

Unit 4: Financial Forecasting and Excel Modeling Techniques

- Principles of financial forecasting and predictive modeling.
- Building dynamic Excel financial modeling structures for scalability.
- Revenue forecasting methods based on market and historical data.
- Cost and expense projection techniques for accurate budgeting.
- Scenario-based forecasting for uncertain business environments.
- Sensitivity analysis for evaluating variable financial outcomes.
- Automation techniques in Excel for efficient model updates.
- Error checking and validation methods in financial models.

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Unit 5: Advanced Modeling Applications and Strategic Analysis

- Scenario analysis and stress testing for financial resilience.
- Monte Carlo simulation concepts in financial risk assessment.
- Strategic investment modeling for long-term business planning.
- Building executive dashboards for financial reporting insights.
- Risk-adjusted financial decision-making techniques.
- Integrating macroeconomic factors into financial models.
- Advanced cash flow modeling for complex business structures.
- Final model integration for corporate decision-support systems.

Final Insights & Key Takeaways

This Advanced Financial Modeling course provides a structured pathway to mastering financial analysis, valuation, and forecasting techniques used in modern corporate finance. It enables professionals to confidently build, interpret, and apply financial models that support strategic and investment decisions in real business environments.