Financial Modeling & Valuation Analyst (FMVA)

Credit and Finance

10459

In-Class

60 hours

EGP 51,500

Course Description:

The Financial Modeling & Valuation Analyst (FMVA) training program equips participants with practical skills in financial modeling, valuation techniques, and financial analysis using Microsoft Excel.

The program combines preparatory foundation modules with the core financial modeling and valuation curriculum to ensure participants can build professional financial models used in investment banking, corporate finance, private equity, and financial institutions. The training is highly practical and includes hands-on Excel modeling and real financial datasets.

Target Audience:

The FMVA Training Program is designed for professionals and aspiring finance specialists who want to develop practical skills in financial modeling, valuation, and financial analysis.

The program is particularly suitable for:

- Finance Professionals (Financial Analysts, Corporate Finance Analysts, FP&A and Finance Managers)
- Investment & Capital Markets Professionals (Investment Banking Analysts, Equity Research Analysts, Private Equity Analysts)
- Banking Professionals (Credit Analysts, Risk Management)
- Accounting Professionals (Accountants, Audit professionals)

Course Objectives:

- Define the structure of financial statements and apply key accounting concepts
- Identify core Excel functions and formatting techniques to organize and analyze financial data efficiently
- Apply financial ratios and analysis techniques to evaluate a company's profitability
- Apply financial modeling best practices to build clear, consistent, and error-free models.
- Identify how the three financial statements are structured and linked within a financial model.
- Apply forecasting techniques to build an integrated 3-statement financial model.
- Apply error-checking and validation techniques to identify and resolve issues in financial models.
- Apply operational drivers and KPIs to model business performance and cost structures.
- Identify key valuation concepts and distinguish between enterprise value and equity value.
- Apply the core components of DCF valuation, including free cash flow and cost of capital.
- Apply DCF modeling techniques to estimate a company's enterprise and equity value.
- Apply comparable company analysis and valuation multiples to benchmark company value.
- Apply scenario and sensitivity analysis techniques to assess financial model outcomes under different assumptions.
- Apply data visualization techniques to create financial dashboards and communicate insights effectively.
- Apply financial storytelling principles to create clear and compelling investment presentations.
- Apply forecasting methods and macroeconomic drivers to project future financial performance.

Course Outline

Preparatory Courses

Prep Course 1 – Accounting Fundamentals (6 Hours)

- Structure and components of financial statements: Income Statement, Balance Sheet, Cash Flow Statement
- Revenue recognition and expense matching concepts
- Working capital components and their role in financial performance
- Depreciation, amortization and capital expenditures
- Relationship between accounting decisions and financial performance
- Introduction to accounting adjustments used in financial modeling

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Prep Course 2 – Excel Fundamentals for Financial Analysis (6 Hours)

- Excel interface and navigation for financial analysts
- Excel formatting best practices for financial models
- Core Excel formulas: IF, SUMIF, COUNTIF, VLOOKUP, INDEX, MATCH
- Logical functions and time value of money functions
- Structuring financial datasets for modeling
- Keyboard shortcuts and productivity techniques

Core FMVA Modules

Module 1 – Financial Analysis Fundamentals

- Financial statement analysis techniques
- Profitability, liquidity, efficiency and leverage ratios
- EBITDA and operating margin analysis
- Trend analysis and benchmarking
- Identifying key financial drivers

Module 2 – Financial Modeling Guidelines

- Financial modeling standards and structuring principles
- Model transparency and documentation
- Model consistency and formatting standards
- Avoiding common modeling errors
- Error checking techniques

Module 3 – Introduction to 3 Statement Modeling

- Understanding financial model architecture
- Linking financial statements together
- Key model drivers and assumptions

Module 4 – 3 Statement Modeling

- Revenue forecasting methods
- Operating cost projections
- Working capital forecasting
- Capital expenditure planning
- Debt and financing schedules

Module 5 – Auditing and Balancing a 3 Statement Model

- Balancing the balance sheet
- Identifying modeling errors
- Circular references in financial models
- Model validation and testing

Module 6 – Operational Modeling

- Revenue driver modeling
- Operational KPIs and metrics
- Cost structure modeling

Module 7 – Introduction to Business Valuation

- Enterprise value vs equity value
- Overview of valuation methodologies
- Valuation drivers

Module 8 – DCF Valuation Modeling Fundamentals

- Free cash flow calculation
- Cost of capital concepts
- Weighted Average Cost of Capital (WACC)
- Terminal value estimation

Module 9 – Applied DCF Valuation Modeling

- Building a full DCF model
- Discounting projected cash flows
- Sensitivity analysis on valuation drivers
- Estimating enterprise and equity value

Module 10 – Comparable Valuation Fundamentals

- Comparable company analysis
- Selecting peer groups
- Trading multiples (EV/EBITDA, EV/Revenue, P/E)
- Benchmarking valuation

Module 11 – Scenario & Sensitivity Analysis

- Scenario planning in financial models
- Excel data tables
- Downside and upside analysis

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Module 12 – Excel Data Visualization and Dashboards

- Financial dashboards
- Data visualization techniques
- Financial charts and graphs
- KPI reporting dashboards

Module 13 – PowerPoint & Pitchbooks

- Structure of investment presentations
- Financial storytelling

Module 14 – Forecasting Techniques

- Revenue forecasting models
- Cost forecasting
- Macroeconomic drivers
- Scenario-based forecasting

Assessment Strategy:

Participants will be assessed on their participation during the course and their interaction in the group exercises.

Course Language:

English

Prerequisites:

Intermediate level of English

Instructor's Biography:

Mr. Mina Wagih - He is Associate Director - Corporate Credit Risk - Risk Exposure Management Group, Commercial International Bank (CIB), Egypt

Mr. Mina has an experience over 17 years in conducting close supervision on specific industries performing accounts, Assessing and approving/concurring on the provided credit approval memos from the business, Identifying and assessing all risks affecting the company, ensuring that assigned risk ratings comply with policy guidelines Review and approve the conducted stress testing scenarios.
He also supervises and trains the subordinates to review and guide the assigned tasks.

Mr. Mina Holds an MBA Degree in Banking and Global Finance from Paris ESLSCA Business School in 2017.

- Certified credit & investment analyst CIB "Credit Course".
- Professional Certificate in Accounting and Audit "MAC" (AUC).
- And has a bachelor's degree in accounting