

# Financial Modeling Academy



The Financial Modeling Academy provides Advanced Financial Modeling Courses, Mock Examination and Accreditation to students and professionals who want to gain top notch skills in Modeling, grasp full understanding and application of modeling techniques, to help organizations and companies improve accurate decision-making and forecasting, while growing in a nurturing community that fosters mentorship and career growth.

## Overview

The Financial Modeling Academy is dedicated to providing students and professionals with the skills and knowledge needed to succeed in financial modeling and analysis. In today's fast-paced business world, financial modeling skills have become essential for professionals in various fields, and our academy is designed to equip you with these skills.

Our academy provides a comprehensive curriculum that covers financial modeling techniques and best practices for financial analysis, budgeting, forecasting, and valuation. The program is led by industry experts with years of experience in financial modeling, analysis, and valuation. They will guide you through the program, providing you with personalized feedback and support throughout your journey.

The Academy is delivered through a combination of online coursework, interactive case studies, and real-world projects. You will learn by building real-world financial models and analyzing data to solve complex business problems. This hands-on approach will help you develop the skills and knowledge necessary to succeed in financial modeling and analysis.

## Learning Outcome

By the end of the Academy, participants will be able to:

- Identify, understand, and apply the essential Excel functions, tools and operators that every modeler should know.
- Apply best practice techniques, structural designs & rules to build a 3 Statement Integrated Model from scratch.
- Master CVP (Cost, Volume, Price) analysis to forecast costs appropriately and more accurately for a company.
- Apply best practices in capital structure modeling, building debt & equity schedules, incorporating cash flow sweeps and waterfalls and more.
- Learn how to perform a detailed analysis of corporate financial statements to normalize (restructure) the Profit and Loss and Balance Sheet in a way that maximizes the predictive power of your models.
- Perform detailed sensitivity and scenario analysis allowing you model multiple versions

of your models in one model and better manage risk and uncertainty.

- Implement intelligent techniques for building Audit checks into your models as you build them, significantly reducing error rates in your model.
- Apply the fundamentals of business valuation and plugin a DCF valuation module into your completed 3-statement model.
- Implement a unique way to self-document your model by being meticulous about styles, structure, and visualization best practices.
- Learn how to quickly update your completed model with a new set of financial statements and updated assumptions.
- Complete a step-by-step exam guide for writing the Financial Modeling Institute's examination for the Advanced Financial Modeler (AFM) Designation.

## Primer Courses

Participants will be granted access to two virtual primer courses to acquire the pre-requisite knowledge needed for the Academy.

- The courses are Microsoft Excel Fundamentals for Analysts & Fundamental skills for Financial Modeling
- Both courses must be completed before the 6 weeks academy sessions for the course starts
- Course Content:
  - Working with Excel Functions: Text, Date & Time, Rounding and Lookup functions
  - Mastering Time Value of Money Calculations with Excel
  - Mastering Scenario & Sensitivity Analysis in Excel: from Scenario Manager to custom solutions with Form Controls
  - Mastering Logical Calculations in Excel: AND, OR, XOR, NOT, IF, IFS, SWITCH, Masks, Flags and more
  - Introduction to Financial Modeling & its components
  - understanding the concept of Drivers and Predictive Power in Financial Modeling
  - All about Schedules and forecasting techniques in Financial Modeling
  - Building a Quick Financial Model from Scratch

## Academy Modules

### Module One: Building your Model Structure & Framework

Course Content:

- Preparing the Model Guide Sheet
- Building Model Details Section
- Documenting Model Timings
- Listing the Model Sheet Structure
- Building the Styles Section
- Names & Glossary Sections
- Building Audit Check Section
- Building Version Control Section
- Documenting with Outlines
- Implementing a Row & Column Structure for the Model Sheets
- Automating Sheet Structure Timing
- Inserting Actual and Forecast Flags
- Setting up the Sheets for Printing
- Finalizing your Model Sheet Structure Framework
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### Module Two: Restructuring the Historical Financials- Profit or Loss Account

Course Content:

- Defining a Preferred P or L Structure
- Creating a Template for accurate Restructuring

## Testimonial

*Just want to say thank you for the sessions I attended last week and today. This is the kind of knowledge I have been seeking for a few years now without any success. Listening in those two sessions and going through the course materials for the Financial Modeling class starting soon, I have no doubt that I am in the right place.*

– *Miracle Esemuze ACA, CITN, Msc*

**To join the academy, please scan the QR code or contact us by phone, email or visiting the website**



### Training Center

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**...learning anywhere, everywhere.**



- Restructuring Process for the Profit or Loss account
- Extracting the Depreciation and Impairment Values
- Dealing with incomplete information
- Normalizing the cost of sales & extracting associated depreciation
- Normalizing the SG&A & extracting associated depreciation
- Normalizing Net Finance Cost
- Normalizing Current and Deferred Tax Expenses
- Reconciling the normalized Profit or Loss to the Audited Accounts

### Module 3: Restructuring the Historical Financials: Balance Sheet

#### Course Content:

- Purpose of normalizing the Balance Sheet
- Restructuring non-Current Assets
- Restructuring of Trade and Other Receivables
- Some peculiar Accounting Treatments and how to resolve them
- Treating allowances for credit losses and other payables
- Reconciling restructured values with audited account values
- Restructuring all other Assets
- Restructured Trade and Other Payables
- Treating loans and borrowings
- Extracting Equity Values
- Smart & Efficient Technique for building out the Restructured Balance Sheet
- Finalizing your Financial Statement Normalization
- Adjusting for potential unbalanced Audited balance sheet
- Building the reconcile check tool for the balance sheet
- Creating an outline for a good interface and navigation

### Module 4: Extracting Financial Drivers & Base Assumptions

#### Course Content:

- Build out the Balance Sheet and Profit or Loss Sheets Linking to the Restated Financials
- Build out the Structure/sections of the assumptions sheet
- Identify Drivers for each line item of the Financial Statements
- Compute the historical trends based on identified drivers

- Propagate base assumptions for the forecast period based on historical trends
- Build out all Financing Assumptions & determine cash sweep accounts
- Carry out a risk analysis of drivers and determine assumptions that require multiple scenarios
- Build out the Scenario Analysis Template

### Module 5: Financial Modeling Computation Mechanics

#### Course Content:

- Build out the structure for Profit or Loss Computations
- Complete all profit or loss computations
- Build all the schedule templates for Balance Sheet computations
- Build out all Linked Assumption tables in preparation for model mechanics
- Compute all schedules for the balance sheet
- Build a smart schedule for all financial calculations
- Link all computations to the Profit or Loss and Balance Sheet
- Build out the Cashflow statement
- Carry out steps to balance the Balance Sheet
- Build in circularity switches and complete the model build

### Module 6: Finalizing your Model, Analysis & Visualizations

#### Course Content:

- Detailed debt computations with Cash Flow Waterfalls & cash sweeps
- Perform the 1 Check for Model Accuracy
- Build out the Analysis Sheet Structure
- Compute DuPont Analysis, Efficiency, Profitability, and Leverage ratios
- Insert a DCF Valuation Module
- Build out Sensitivity analysis Tables
- Build useful charts and visualizations
- Complete the Summary Sheet with useful information and Scenario Links
- Download the Latest Audited Accounts of the Company and Update the Historical Financials
- Compare the share price of the Company with your Valuation Analysis
- Do a final review of the assumptions and drivers sense check the model



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