COURSE OUTLINE

Course Title: Financial Modelling Using Excel
Contact Hours: 24 Contact Hours (Eight 3-hour sessions)
Pre-requisite: Basic knowledge of Excel is recommended but not required.
Mode of Delivery: Online live sessions with guided practical modelling exercises.

Target Audience

This course is designed for finance professionals, entrepreneurs, analysts, business owners, managers, and anyone interested in understanding and applying financial modelling to support smarter business and investment decisions. It will equip participants with the skills to build robust, flexible financial models to analyse business performance, optimise cash flow, evaluate investment opportunities, and support decision-making that enhances company value.

Course Objectives

Financial modelling is an essential skill for modern finance and business professionals, allowing them to consolidate large volumes of data into structured, actionable insights. This course will guide participants in building integrated three-statement financial models aligned with industry best practices, preparing them to tackle complex modelling challenges in their careers or businesses.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

1. Understand the principles and applications of financial modelling in business analysis and decision-making.
2. Build, structure, and format integrated three-statement financial models in Excel.
3. Project revenues, costs, capital expenditures, and working capital effectively within a model.
4. Model capital structures and assess the impact of different financing strategies.
5. Incorporate tax calculations and scenarios within financial models.
6. Prepare financial statements for analysis based on the assumptions of the model.
7. Apply financial models for budgeting, forecasting, and investment evaluation.

Assessment Methods

- Short quizzes to reinforce modelling concepts.
- Practical, step-by-step model-building exercises.

- A final project requiring participants to build a simplified three-statement model for a sample business.
- Case-based discussions on how to apply financial models for real-world business decisions.

Topics Covered
Session 1 – Overview and Model Front-End

- Introduction to financial modelling and its applications
- Setting up the model structure and assumptions
- Best practices for model transparency and flexibility

Session 2 – Revenues

- Revenue forecasting techniques
- Scenario analysis for revenue projections

Session 3 – Costs

- Modelling direct and indirect costs
- Forecasting cost behaviours and drivers

Session 4 – Capital Expenditure (CAPEX)

- Modelling capital investments and depreciation
- Understanding CAPEX impacts on cash flow

Session 5 – Capital Structure

- Modelling debt and equity structures
- Analysing the impact of capital structure decisions

Session 6 – Financing

- Modelling loan schedules and interest payments
- Evaluating financing options and their impacts on cash flow

Session 7 – Taxation

- Incorporating tax calculations within financial models
- Modelling tax scenarios and sensitivities

Session 8 – Financial Statements

- Integrating the Income Statement, Balance Sheet, and Cash Flow Statement
- Model review, testing, and scenario analysis
- Final case study and wrap-up

Learning Approach

Participants will gain hands-on experience through guided exercises, using practical examples that simulate real business conditions. The course emphasises building models step-by-step to ensure clear understanding, with a focus on practical application to support data-driven financial decision-making.