Certificate in Advanced Financial Modeling

23 – 27 August 2027
Singapore (Singapore)



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Introduction

Organizations today cannot afford to make poor investment decisions due to their long-term impact on business success. Mastering financial modeling techniques is crucial as they form the backbone of effective decision-making in investments. This advanced financial modeling course is designed to equip participants with the knowledge and skills to create comprehensive models that drive informed decisions, improve forecasting accuracy, and optimize valuations. Whether you're a beginner exploring the basics of financial modeling or a professional seeking to refine your skills in advanced financial modeling and valuation, this course has everything you need to excel.

Course Objectives

By the end of this course, participants will:

- Master financial modeling by utilizing powerful Excel functions for seamless model creation.
- Learn the types of financial modeling and how to apply financial modeling techniques effectively.
- Develop robust models to forecast investments and calculate valuations of projects and companies.
- Apply advanced financial modeling methods to create comprehensive and accurate financial models.
- Recognize best practices and unique considerations in financial modeling and valuation processes.

Course Outlines

Day 1: Advanced Excel for Financial Modeling

- Essential Excel tips to improve speed and accuracy in financial modeling prep.
- Logical tests, protecting data, and database activities.
- Creating interactive financial modeling Excel templates using Pivot Tables, grouping, and lookup functions.
- The power of interactive graphs and data tables for better insights.



Day 2: Fundamentals of Financial Modeling

- Understanding the meaning of financial modeling and its significance in investments.
- Applying the time value of money: PV, FV, NPV, IRR, and MIRR.
- Preparing loan amortization schedules and calculating CAGR and effective interest rates.
- Forecasting revenues, costs, and cash flows to build comprehensive models.
- Understanding the interplay between income statements and cash flow projections.

Day 3: Valuation Techniques

- Utilizing ratio analysis to create projected financial statements.
- Exploring types of financial modeling, including debt capacity and credit analysis.
- Conducting sensitivity analysis on cash flows and calculating Weighted Average Cost of Capital WACC.
- Applying valuation methods, such as CAPM, PE multiples, and the Gordon Growth Model, to estimate equity costs.
- Using transaction multiples and accrual accounting for comprehensive valuations.

Day 4: Building Real-Life Models

- Developing integrated financial models for various sectors, such as:
    - Automotive.
    - Hospitality.
    - Real estate.
    - Education.
- Constructing income statements, balance sheets, and sensitivity analyses.
- Exploring investment banking financial modeling courses through hands-on examples.

Day 5: Special Modeling and Valuation Considerations

- Structuring valuations and understanding financial modeling processes.
- ROI and ROE calculations for different investment structures.
- Exploring Build, Operate, and Transfer BOT models and joint ventures.
- Understanding best practices in financial modeling for sustainable investment decisions.

Why Attend This Course: Wins & Losses!

- Gain Expertise in Financial Modeling: Learn how to get good at financial modeling using advanced tools and techniques.
- Enhance Decision-Making Skills: Build models that improve the accuracy of investment decisions.
- Expand Your Professional Credentials: This advanced financial modeling certification adds significant value to your career in investment banking or financial analysis.
- Prepare for Real-World Applications: Master financial modeling methods tailored for various industries.
- Optimize Investment Decisions: Understand financial modeling meaning [illegible] in high-stakes scenarios.



Conclusion

This best financial modeling course offers an unparalleled opportunity to elevate your financial expertise. Through in-depth lessons on financial modeling processes, valuation methods, and practical applications, you will be prepared to tackle complex investment challenges with confidence.

