

# **Certificate in Advanced Financial Modeling (5-Day Course)**

Finance, Accounting, Budgeting  
Sharm El-Sheikh (Egypt)  
31 Aug - 04 Sep 2025

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## Certificate in Advanced Financial Modeling (5-Day Course)

**Ref:** 321746\_145665 **Date:** 31 Aug - 04 Sep 2025 **Location:** Sharm El-Sheikh (Egypt) **Fees:** 3700 Euro

### Course Description

This intensive 5-day course provides a comprehensive deep dive into advanced financial modeling techniques used in investment banking, private equity, and corporate finance. Participants will learn to build complex, dynamic models for valuation, mergers and acquisitions, leveraged buyouts, and strategic decision-making. The course emphasizes best practices in model design, sensitivity analysis, and scenario planning.

### Learning Objectives

- Construct sophisticated 3-statement financial models with advanced features
- Develop robust valuation models using various methodologies DCF, comps, precedent transactions
- Build dynamic M&A and LBO models to analyze complex transactions
- Master advanced Excel functions and modeling best practices for efficiency and accuracy
- Perform sensitivity analyses and scenario planning for strategic decision-making
- Create clear, concise, and impactful presentations of financial model outputs

### Course Modules

#### Day 1: Advanced Financial Statement Modeling

- Complex revenue and cost modeling techniques
- Advanced balance sheet projections and circularity
- Cash flow modeling and working capital optimization
- Scenario manager and sensitivity analysis

#### Day 2: Discounted Cash Flow DCF Valuation

- Forecasting free cash flows and terminal value
- Calculating and applying weighted average cost of capital WACC
- Advanced DCF modeling techniques and adjustments
- Sensitivity analysis and scenario planning in DCF models

#### Day 3: Comparable Company Analysis and Precedent Transactions

- Selecting and analyzing comparable companies
- Calculating and applying valuation multiples
- Precedent transaction analysis and control premiums

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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- Creating a football field valuation summary

#### **Day 4: Mergers and Acquisitions M&A Modeling**

- Building an M&A model from scratch
- Modeling synergies and integration costs
- Accretion/dilution analysis
- Pro forma financial statements and deal rationale

#### **Day 5: Leveraged Buyout LBO Modeling**

- LBO model structure and key inputs
- Modeling complex debt and equity structures
- Returns analysis for different stakeholders
- Exit scenarios and investment decision-making

#### **Practical Wins for Participants**

- Build a comprehensive DCF valuation model for a public company
- Construct a fully functional M&A model to analyze a recent transaction
- Develop a flexible LBO model to evaluate private equity investments
- Create a professional pitch book showcasing financial model outputs

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