Certificate in Advanced Financial Modeling (1-Week Course)

4 – 8 October 2027
Amsterdam (Netherlands)



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Why This Course

In today's competitive finance environment, advanced financial modeling is essential for informed decision-making in investment banking, private equity, and corporate finance. This intensive 1-week program equips participants with the skills to build sophisticated, dynamic models for valuation, M&A, leveraged buyouts, and strategic planning. Through hands-on exercises, real-world case studies, and best-practice frameworks, attendees will gain the expertise to analyze complex transactions, present insights clearly, and drive impactful financial decisions.

What You'll Learn and Practice

By attending this course, you will be able to:

- Construct advanced 3-statement financial models with dynamic features.
- Build robust valuation models using DCF, comparable companies, and precedent transactions.
- Develop M&A and LBO models to analyze complex deals and investment opportunities.
- Apply advanced Excel techniques and modeling best practices for accuracy and efficiency.
- Perform sensitivity analysis and scenario planning to inform strategic decisions.
- Present financial model outputs clearly and professionally to stakeholders.

The Program Flow

Day 1: Advanced Financial Statement Modeling

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

Day 2: Discounted Cash Flow DCF Valuation

- Forecasting free cash flows and calculating terminal value
- Applying weighted average cost of capital WACC
- Advanced DCF modeling techniques and adjustments
- Scenario planning and sensitivity testing in DCF models



Day 3: Comparable Company and Precedent Transaction Analysis

- Selecting and analyzing comparable companies
- Calculating and applying valuation multiples
- Precedent transaction analysis and determining control premiums
- Creating a football field summary for valuation comparison

Day 4: Mergers and Acquisitions M&A Modeling

- Building an M&A model from scratch
- Modeling synergies, integration costs, and pro forma statements
- Performing accretion/dilution analysis
- Evaluating deal rationale and financial impact

Day 5: Leveraged Buyout LBO Modeling

- Structuring LBO models with complex debt and equity inputs
- Analyzing returns for different stakeholders
- Modeling exit scenarios and investment decision-making
- Integrating all elements into a comprehensive private equity evaluation

Individual Impact

Participants will leave this program with:

- A fully functional DCF model for a public company valuation.
- A complete M&A model to analyze recent or hypothetical transactions.
- A flexible LBO model to evaluate private equity opportunities.
- Professional skills to create clear, compelling presentations of model outputs.

Organizational Impact

Organizations will benefit from:

- Improved decision-making supported by accurate, sophisticated financial models.
- Greater confidence in analyzing complex transactions and investment opportunities.
- Streamlined financial reporting and scenario planning for strategic initiatives.
- Enhanced ability to communicate financial insights clearly to stakeholders.



Training Methodology

- Interactive lectures with practical, real-world finance examples
- Hands-on modeling exercises and case studies
- Step-by-step guidance in building complex financial models
- Personalized reflection and practical implementation exercises

Beyond the Course

By the end of this 1-week program, participants will be ready to:

- Construct advanced financial models with precision and flexibility.
- Evaluate complex deals, investments, and corporate strategies.
- Perform robust scenario planning and sensitivity analysis.
- Present financial insights effectively to executives, investors, and clients.

