

Certificate in Advanced Financial Modeling

Boston, Massachusetts (USA)

24 - 28 March 2025

UK Training

PARTNER

Certificate in Advanced Financial Modeling

Code: FA28 From: 24 - 28 March 2025 City: Boston, Massachusetts (USA) Fees: 5700 Pound

Introduction

Organizations cannot afford to make the wrong investment decisions as these decisions have a long-term impact on the business and could make or break the organization. Therefore, it is critical to master financial modeling techniques as they are the main basis for investment decisions. By helping you understand and build effective financial models, this course will have a significant impact on the effectiveness and feasibility of your investment decisions.

Course Objectives

- Prepare effective financial models utilizing powerful Excel functions.
- Use core financial modeling techniques.
- Forecast investments and calculate valuations of projects and companies effectively.
- Develop comprehensive financial models to support investment decisions.
- Recognize special modeling and valuation considerations and best practices.

Course Outlines

Day 1: Advanced Excel for financial modeling

- Excel tips and tricks that will help you speed up your spreadsheet.
- Logical tests.
- Protecting your data.
- Database activities.
- Pivot Tables.
- Grouping data.
- Vertical and horizontal lookup tables.
- The magical choose function.
- Interactive formulas to extract data.
- String functions.
- Data tables.
- Interactive Graphs.

Day 2: Fundamentals of financial modeling

- Time value of money.
- Present Value PV Future Value FV and Net Present Value NPV.
- Internal Rate of Return IRR and Multiple IRR MIRR.
- Equity IRR and project IRR.
- Using XNPV and XIRR.

UK Training

PARTNER



- Contradicting NPV and IRR.
- Amortization of loan schedule.
- Enterprise value, market capitalization, firm value, and equity value.
- Effective interest rate.
- Compound Annual Growth Rate CAGR.
- Investment assumptions and cash flows.
- What needs to be included?
- Forecasting revenues.
- Forecasting costs and expenses.
- Focusing on the income statement or cash flow?

Day 3: Valuation techniques

- Analyzing historical information and developing a projection basis.
- Using ratio analysis to prepare projected financial statements.
- Debt capacity and credit analysis for the acquisition.
- Sensitivity analysis on cash flows.
- Weighted Average Cost of Capital WACC.
- Adjusted Present Value APV.
- Using the Capital Assets Pricing Model CAPM to determine the cost of equity.
- Implied risk premium in the current Price Earnings PE multiple.
- Gordon model to determine the cost of equity.
- Using PE multiple to determine the cost of equity.
- Accrual accounting valuation.
- Valuation using multiples.
- Transaction multiples.

Day 4: Building real-life models

- How financial models work.
- Modeling income statements.
- Modeling balance sheets.
- Sensitivity analysis.
- Developing an integrated financial model.
- Automotive.
- Hospitality.
- Real estate.
- Education.

Day 5: Special modeling and valuation considerations

- Structured valuations.
- Financial modeling best practices.
- Return on Investment ROI and Return on Equity ROE.
- Investment structures.
- Direct ownership.
- Partnership and joint venture.
- Build, Operate, and Transfer BOT.

A graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) on it, set against a background of concentric circles. The text 'UK Training PARTNER' is overlaid on the right side of the board.

UK Training
PARTNER

Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

Africa



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta (Indonesia)



Amman (Jordan)



Beirut (Lebanon)

UK Training
PARTNER

Blackbird Training Cities

Asia



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

