

# Advanced Financial Modelling with Excel

4th - 5th September 2014

<b>DURATION:</b> 2 Days	<b>LOCATION:</b> London	<b>LEVEL:</b> Advanced	<b>DELEGATES' COMMENTS</b>
<b>PARTICIPANTS:</b> 8 Maximum per tutor	<b>PC REQUIREMENTS:</b> Please bring a laptop. If unfeasible, one will be provided on request.	<b>TAKE-AWAY:</b> Corporate Forecasting and Project Appraisal models (for learning purposes only)	<p><i>"Excellent quality. Dedicated, helpful and motivated teachers!"</i></p> <p>- Managing Director, UK Manufacturer</p> <p><i>"Very good and attentive teaching. Very flexible and accommodating"</i></p> <p>- Analyst, Global Investment Bank</p>
<b>COURSE FEES:</b> £1200 + VAT (includes all refreshments, lunch and course documentation.)			

## Course Objectives

To develop practical skills and concepts for:

- financial modelling within a robust financial/accounting framework
- use of Excel as an advanced modelling tool
- modelling financial forecasts
- reconciling the projected accounting statements
- financial projections, valuations and funding

During the event attendees will build:

- i) a Corporate Forecasting and Valuation Model and
- ii) a Project Appraisal Model.

## Who Should Attend

If your work requires the use of Excel 2007 or 2010 to develop financial models and you are:

- a corporate planner responsible for developing or enhancing forecasting models
- a corporate finance practitioner building or auditing valuation models
- a financial specialist structuring or auditing funding models
- an analyst producing or using financial forecasts for capital projects

## Course Design

The Advanced Financial Modelling with Excel course is designed:

- to cultivate best practice modelling principles
- with the emphasis on practical applications;
- as a workshop to encourage an interactive approach;
- using case studies adapted from the real world;
- at a pace to suit all delegates

## Pre-requisite Knowledge

A basic knowledge of Excel is assumed, including at least the following:

- the Excel screen menu and toolbar
- moving around a worksheet and between worksheets in a workbook
- changing column width
- entering labels
- entering, selecting, copying and editing cell contents
- centring titles
- saving, closing & retrieving the worksheet
- auto fill
- entering formulae
- relative and absolute cell referencing
- formatting, previewing and printing

## Course Tutor - Richard Peck, BSc., MBA

Richard has over 20 years experience designing and implementing training programmes for UK and European banks and corporates covering most areas of the financial markets and the bank/corporate interface.

Originally a civil engineer, he managed infrastructure projects in the UK and the Middle East before studying for an MBA at Cranfield School of Management prior to joining FSMD.

At FSMD, Richard has been responsible for the ongoing development of modelling courses and applications, principally for project finance, corporate finance and credit.

Richard has advised and built models for a range of clients including Innogy plc, Heineken, HSBC, Bayerisch Landesbank, National Australia Bank, Lloyds TSB, Bankgesellschaft Berlin AG, Allied Irish Bank, Bank Leumi, Stockbrokers Dolman, Butler and Briscoe, the Welsh Government, National Housing Federation, Tenant Services Authority, Newcastle Building Society and Principality Building Society.

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## Course Timetable - Day 1

8.30 – 9.00	<b>Registration and Coffee</b>
9.00 – 9.15	Introduction <ul style="list-style-type: none"> <li>• Overview of course and content</li> </ul>
9.15 – 10.30	Review of Advanced Excel Functions and Techniques <ul style="list-style-type: none"> <li>• worksheets and workbooks</li> <li>• copying, dragging &amp; summing</li> <li>• copying &amp; naming sheets</li> <li>• linking sheets &amp; books</li> <li>• array arithmetic</li> <li>• grouping sheets</li> <li>• conditional statements</li> <li>• using names</li> </ul>
10.30 – 10.45	<b>Coffee</b>
10.45 – 13.00	Basic Modelling Concepts & “Good-Practice” Guidelines <ul style="list-style-type: none"> <li>• spreadsheet style guide</li> </ul> Advanced Financial Modelling Techniques (1) <ul style="list-style-type: none"> <li>• iterative calculations &amp; alternatives</li> <li>• interest calculations</li> <li>• tracing and auditing</li> <li>• Goalseek and solver</li> <li>• Excel financial functions</li> </ul>
13.00 – 14.00	<b>Lunch</b>
14.00 – 15.30	Practical Applications (1) <p>Overview of Forecasting &amp; Valuation Issues</p> Corporate Forecasting Model Case Study <ul style="list-style-type: none"> <li>• income flows</li> <li>• costing structure</li> <li>• working capital</li> <li>• capex &amp; depreciation</li> </ul>
15.30 – 15.45	<b>Tea</b>
15.45 – 17.30	Corporate Forecasting Model Case Study (cont'd) <ul style="list-style-type: none"> <li>• funding structure</li> <li>• interests payments &amp; receipts</li> <li>• tax</li> <li>• dividends</li> <li>• modelling value <ul style="list-style-type: none"> <li>• DCF</li> <li>• multiples</li> </ul> </li> <li>• modelling investor returns</li> </ul>

## Course Timetable - Day 2

8.30 – 9.00	<b>Registration and Coffee</b>
9.00 – 10.30	Practical Applications (2) <p>Overview of Project Appraisal Issues</p> Project Appraisal Model Case Study <ul style="list-style-type: none"> <li>• operating income &amp; expenditure</li> <li>• capital expenditures</li> <li>• operating surplus</li> <li>• cashflow before funding &amp; interest</li> <li>• terminal value</li> </ul>
10.30 – 10.45	<b>Coffee</b>
10.45 – 13.00	Project Appraisal Model Case Study (cont'd) <ul style="list-style-type: none"> <li>• NPV &amp; IRR</li> <li>• debt &amp; interest paid</li> <li>• true short-term balances and interest received</li> <li>• project life &amp; loan cover ratios</li> </ul>
13.00 – 14.00	<b>Lunch</b>
14.00 – 15.30	Advanced Modelling Techniques (2) <p>Application to Case Studies</p> <ul style="list-style-type: none"> <li>• sensitivity analysis <ul style="list-style-type: none"> <li>• one-input data tables</li> <li>• two-input data tables</li> </ul> </li> <li>• scenarios</li> <li>• beyond the two-input data table</li> <li>• data validation</li> </ul>
15.30 – 15.45	<b>Tea</b>
15.45 – 17.30	Advanced Modelling Techniques (2) (cont'd) <p>Application to Case Studies</p> <ul style="list-style-type: none"> <li>• sensitivity analysis <ul style="list-style-type: none"> <li>• advanced sensitivity techniques</li> <li>• automating the model using controls &amp; macros</li> </ul> </li> </ul>

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Please complete the booking form and return to FSMD.  
For additional places copy this page and complete "Personal Details" only.

## Personal Details

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## Payment Details

<input type="checkbox"/> I enclose a *cheque for:
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To pay by BACS:  
Bank: National Westminster Bank, FSMD Ltd.  
Sort Code: 01-10-01  
Account: 01034820

A VAT invoice will be issued to confirm your booking and joining instructions will be sent seven days before the course.

## Enquiries & Bookings

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## Cancellation Period

- Cancellations received 30 days prior to course commencement will be eligible for a refund less an administration charge of £50.
- After this time no refund can be made although a substitute delegate is acceptable
- FSMD reserves the right to cancel any of its courses. Either full refunds will be given OR a reserved place on the next available course.