

Financial Modelling in PE/VC

Course Agenda



Day 1 Agenda

08:30	Registration and Breakfast
09:00	Course assembles and introductory session Andre Lansen, Course Director
09:10	<p>Session 1 - Concepts, Methodology and Requirements</p> <p>Objective: This opening session introduces the concepts and methodologies used in financial modelling.</p> <ul style="list-style-type: none"> • Model functions • Naming cells • Dates and timing conventions • Logical functions • Short cut keys • Graphs
10:30	<p>Session 2 - Financial Functions</p> <p>Objective: Financial functions form the core to a large part of financial modelling.</p> <ul style="list-style-type: none"> • Time value of money • Using advanced formulae and the fx functions • Practical statistical tools
11:15	Break
11:30	<p>Session 3 - Financial Modelling: Process</p> <p>Objective: Financial functions form the core to a large part of financial modelling.</p> <ul style="list-style-type: none"> • Uses of financial modelling • Planning • Assumptions • Streamlining the workflow • Objectives

	<ul style="list-style-type: none"> • Model layout and design • Linking sub models to main models • Outputs
13:00	Lunch
13:45	<p>Session 4 - Income Statement: Revenue</p> <p>Objective: This section introduces the design and modelling of the income statement.</p> <p>Assumptions form a crucial part in the development of models, together with the multi-variable scenario analysis.</p> <ul style="list-style-type: none"> • Revenue analysis • Projecting data: • 'Detailed' versus 'top level' analysis • How to build growth into the model • Compound annual growth rate (CAGR) • External factors and revenue drivers • Multi variable Scenario analysis
14:45	<p>Session 5 - Balance Sheet: Assets</p> <p>Objective: Participants will develop the asset side of the balance sheet with a focus on capital expenditure models and debtor and inventory management.</p> <ul style="list-style-type: none"> • Capital structure • Non-current assets and depreciation tools and techniques • Capital expenditure models • Amortization of intangibles • Inventory, accounts receivable and cash • Debtor management • Current assets
15:30	Session 6 - Balance Sheet: Liabilities

	<p>Objective: The liability side will include complex debt amortisation and taxation with deferred taxation computations.</p> <ul style="list-style-type: none"> • Non-current liabilities • Debt and amortization tables • Accounts payable • Taxation and deferred taxation • Tax planning
17:30	End of Day 1 - Drinks Reception

Day 2 Agenda

09:00	<p>Session 7 - Cash Flow Statement</p> <p>Objective: Participants will develop the cash flow statement and cash flow forecasts from the link between the balance sheet and income statement.</p> <ul style="list-style-type: none"> • Link between balance sheet and income statement • Working capital projections • Cash flow forecasts • Analysis models and their uses in treasury management • Free cash flow and applying it in the model
10:00	<p>Session 8 - Integration of Ratio Analysis</p> <p>Objective: Ratios provide a measure of checking and verifying the numbers projected in the income statement and balance sheet.</p> <ul style="list-style-type: none"> • Profitability, liquidity, efficiency and gearing ratios • Du Pont analysis • The importance of ROI • Market related ratios and benchmarking • Testing the model results
11:15	Break

11:30	<p>Session 9 - Advanced Techniques</p> <p>Objective: Advanced techniques focus on the application of useful excel tools used to identify and control key sensitivities through spreadsheet simulation.</p> <ul style="list-style-type: none"> • Data base techniques • Goal seek • Optimization • Scenario analysis • Audit requirements in financial modelling • Identifying and controlling key sensitivities through spreadsheet simulation • Building risk factors in models to enhance decision making
13:00	Lunch
14:00	<p>Session 10 - Sensitivity Analysis</p> <p>Objective: In this session participants will develop an understanding of the concepts of sensitivity in project finance models. This will help assessing accuracy of the model as well as worse case and best-case scenarios.</p> <ul style="list-style-type: none"> • Purpose of sensitivity analysis • Establishing a suite of sensitivities • Combined downside 'worst' case • Minimizing run-time errors • Identifying sensitivity printout • Automating sensitivity runs using an input table • Cross checking against base case
15:15	Break
15:45	Session 11 - Course summary and close
17:30	Course end