

Day One

8:30	Registration and Breakfast
9:00	Course assembles and introductory session Andre Lanser, Course Director
9:10	Session 1-Concepts, Methodology and Requirements
	Objective: This opening session introduces the concepts and methodologies used in financial modelling.
	Model functionsNaming cells
	 Dates and timing conventions
	Logical functionsShort cut keys
	• Graphs
	Session 2-Financial Functions
	Objective: Financial functions form the core to a large part of financial modelling.
	 Time value of money Using advanced formulae and the fx functions Practical statistical tools
11:15	Break
11:30	Session 3 - Financial Modelling: Process
	Objective: Financial functions form the core to a large part of financial modelling
	Uses of financial modellingPlanning
	Assumptions Streamlining the worldlow
	Streamlining the workflowObjectives
	Model layout and design
	Linking sub models to main models Outputs
	• Outputs



40.00	
13:00	Lunch
13:45	Session 4 - Income Statement: Revenue
	Objective: This section introduces the design and modelling of the income statement. Assumptions form a crucial part in the development of models, together with the multi-variable scenario analysis. 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
	Objective: Participants will develop the asset side of the balance sheet with a focus on capital expenditure models and debtor and inventory management. Capital structure Non-current assets and deprecation tools and techniques
	Capital expenditure models
	Amortization of intangibles
	Inventory, accounts receivable and cash
	Debtor management
	Current assets
	Session 6 - Balance Sheet: Liabilities
	Objective: The liability side will include complex debt amortisation and taxation with deferred taxation computations. • Non-current liabilities
	Debt and amortization tables
	Accounts payable
	Taxation and deferred taxation
	Tax planning
17:30	End of Day 1 - Drinks Reception



Day Two

9:00	Session 7 – Cash Flow Statement
	Objective: Participants will develop the cash flow statement and cash flow forecasts from the link between the balance sheet and income statement.
	 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
	Session 8 - Integration of Ratio Analysis
	Objective: Ratios provide a measure of checking and verifying the numbers projected in the income statement and balance sheet
	 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	Session 9 - Advanced Techniques
	Objective: Advanced techniques focus on the application of useful excel tools used to identify and control key sensitivities through spreadsheet simulation. 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	Session 10 - Sensitivity Analysis 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 • 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