



## “taking the myth out of finance” ONLINE FACE TO FACE PRESENTATION VIA ZOOM

### OL Financial Modelling in Excel – Course 2

- a stand-alone course which is also recognised as a qualifying module for the CPPF (Certificate Programme in Practical Finance)

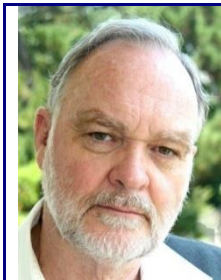
Financial risk cannot be eliminated in business, but it can be reduced. Excel, well used, can demonstrate the probable outcome of a set of inputs. Selecting the appropriate inputs and identifying the correct relationships is a necessary skill for any risk evaluation.

The Economist reports that the failure of most projects arises, not from unexpected events, or from the inability of modelling tools to predict, but from compromising the model’s prediction in order to ‘sell’ the project. This course emphasises the context and the technical aspects of modelling so that the outcome is reliable and can be used with confidence as part of an overall assessment of a proposition.

Delegates will be supplied with a set of templates with corresponding model answers including comprehensive notes. The templates may be re-used for practice, in conjunction with the model answers.

NB: The course assumes well developed Excel skills, including using names in formulas, the IF statement and variations. An understanding of financial statements is also required. It will continue to emphasise the thinking process as well as taking the knowledge and application of techniques further.

**The course presenter: John Mitchell**



John Mitchell is a Past Director of Johannesburg School of Finance, a member of the Investment Analysts Society and holds a Degree in Philosophy. He has been a professional designer and presenter of financial courses for the past twenty-two years. His Major in Logic aligns itself naturally with both lean programming, and analysis of financial problems.

His empathic style and extensive business experience make his courses both practical and enjoyable.

**2021 Course dates:** 17 to 20 May

23 to 26 Aug

08 to 11 Nov

**Presentation:** Four online sessions of 4 hours per session 08h30 to 12h30 using Zoom plus online exercises and printable manual.

**Course Fees:** R13 800 plus 15% VAT (R15 870) per delegate for the four-Session course. (NB: This course can also be run on a corporate basis, in which case the course fees and dates are negotiable). In both cases, classes will not exceed 6 people per session.

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# Financial Modelling in Excel – Course 2

presented by John Mitchell

## Course Overview:

The course is designed to build on the disciplines and techniques developed in Module One, introducing new skills in the context of practical applications. Emphasis will continue to be placed on thinking around the technical aspects of the model to ensure that the outcomes are comprehensive and reliable.

The following techniques will be covered, among others with emphasis on model construction and interpretation:

- Practical model construction
- What-if? functions: Scenarios, Goalseek and Solver
- Pivot Tables
- Subtotals
- Conditional formatting
- Advanced IF functions

## COURSE CONTENT

### Day One: Considering the options

- Introduction
- Names revision
- What-if? calculations: goal-see, solver and scenarios

### Day Two: Organizing the data

- Group Data
- Subtotals and nested Subtotals
- Pivot table reports

### Day Three: Understanding the IF function

- Advanced IF functions
- IS functions
- Conditional Formatting

### Day Four: Construct and Interpret a Financial Model

- Manual calculation using Allocations to prepare for model building
- Build the model from the manual version using sub-routines, IO-AO structure
- Record and clarify assumptions
- Interrogate the model to test hypotheses

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