

# Intermediate Financial Modelling

## Objectives

The course is focused predominately on providing skills in Microsoft Excel, specifically biased to those individuals who need to use this application within their employment for financial analysis and modelling.

The skills that will be obtained will assist the individual to plan and develop Excel spreadsheets that can analyse, manipulate and provide solutions to the types of questions that arise within the working environment from a variety of data sources.

It is essential that the individual should have good basic/intermediate PC and mouse skills and a good understanding of the basic use of Excel. These requirements must be met before the candidate can take the course.

The first session assessment will give the workshop tutor an understanding of the abilities of the student and therefore allow them to give the right support to each individual student.

The course occurs over a ten week period with each session lasting three hours. It will consist of 9 x 3 hour workshops. The session will be split into an initial lecture style definition and description of the functionality of Excel outlined as concepts that will be covered during the session. This will last for approximately 30 to 45 minutes. This lecture style is very interactive with the student as they will build up aspects of that functionality on their workstation as the concept is outlined.

This session is then followed by a workshop environment, in which the student has significant hands on practice with Excel. During the workshop environment, the student will work on a basic spreadsheet, containing data, that they must then follow a set of instructions to develop this base information into a result that practices and applies the principles outlined.

The last session will be an open book exam lasting up to 3 hours –this will be used to determine whether you pass the course.

## Contents of the module

These represent a potential structure for the course. Depending on abilities/needs of students this may change in terms of course content and the week in which these will occur.

**Topics per week:**

Week 1

**Introduction to the basics of excel and report formatting.**

Week 2

**Introduction to Building Financial Models using Excel. Operating budgets part 1 and organising data.**

Week 3

**Operating Budgets part 2 and workbooks**

Week 4

**Operating Budgets part 3 and formulae and functions part 1**

Week 5

**Operating Budgets part 4 and using data tables and scenarios**

Week 6

**Financial Budgets part 1 and formulae and functions part 2**

Week 7

**Financial Budgets part 2 and Pivot Tables/Charts and Macros**

Week 8

**Analysis of a Financial Model. Using solver, creating templates and evaluating scenarios**

Week 9

**Financial Ratios Analysis and Dbase Functions**

10. Exam