

## INTRODUCTION TO FINANCIAL MODELLING IN EXCEL

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**COURSE LENGTH: 1.0 DAYS**

This course is a combination of financial theory and practical application of financial concepts in Microsoft Excel. A large component of the course will be centred around the application of the Discounted Cash Flow Model (DCF), a popular valuation method used to assess the value of projects and companies. At the completion of this course, participants should be able to construct a DCF Model, as well as have a good understanding of the underlying financial concepts used to build it.

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## INTRODUCTION TO FINANCIAL MODELLING IN EXCEL COURSE OUTLINE

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### FOREWORD

Financial modelling is widely employed within industry because it forces us to critically think about how a business or project will perform in the future, as well as how risky we believe it to be. Additionally, in constructing a DCF model, you will need address many of the corporate finance issues commonly encountered within industry today.

Finance plays a central role in almost all industries, and acquiring foundational knowledge benefits almost all working professionals. Some examples include the following:

**Investment Bankers:** employ financial models to help them triangulate a “market price” for the firm/business they are trying to sell.

**Engineers:** use financial models to help them evaluate the feasibility of new projects, such as mine sites, oil wells, and manufacturing plants.

**Lawyers:** are commonly asked to develop cases regarding the assumptions used to value assets/businesses/projects, and whether these assumptions were appropriate.

**Board members/Executives:** need a working knowledge of basic finance to understand merger and acquisition deals, as well as how best to structure their firm.

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### OUTCOMES

- ▶ Developing a Discounted Cash Flow Model (DCF)
- ▶ Understanding and ability to apply Project
- ▶ Evaluation Criterion (NPV, IRR, Payback Periods)
- ▶ Calculating Free Cash Flows
- ▶ Estimating Beta for public and private firms.
- ▶ Estimating the Cost of Equity and WACC
- ▶ Understanding how key variables to the DCF impact upon project and business valuation.
- ▶ Ability to utilise Excel’s Data Tables and Goal Seek

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### MODULES

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#### Lesson 1: Developing a Discounted Cash Flow Model

- ▶ Developing a Discounted Cash Flow Model

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#### Lesson 2: Understanding and ability to apply Project Evaluation Criterion (NPV, IRR, Payback Periods)

- ▶ Understanding and ability to apply Project Evaluation Criterion (NPV, IRR, Payback Periods)

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### Lesson 3: Calculating Free Cash Flows

- ▶ Calculating Free Cash Flows

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### Lesson 4: Estimating Beta for public and private firms

- ▶ Estimating Beta for public and private firms

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### Lesson 5: Estimating the Cost of Equity and WACC

- ▶ Estimating the Cost of Equity and WACC

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### Lesson 6: Understanding how key variables to the DCF impact upon project and business valuation

- ▶ Understanding how key variables to the DCF impact upon project and business valuation

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## WEB LINKS

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- ▶ [View this course online](#)
- ▶ [In-house Training Instant Quote](#)