

PROJECT
FINANCE
INSTITUTE

CERTIFICATE IN PROJECT FINANCE MODELLING

The complete course in
Project Finance modelling





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I'm so grateful to receive a Certified Project Finance Modeller designation! For anyone interested in developing transferrable analytical skills in financial modeling, infrastructure, energy, and project finance, I highly recommend you check out the Project Finance Institute.



Alex Martin
Senior Associate
Grant Thornton

COURSE OVERVIEW

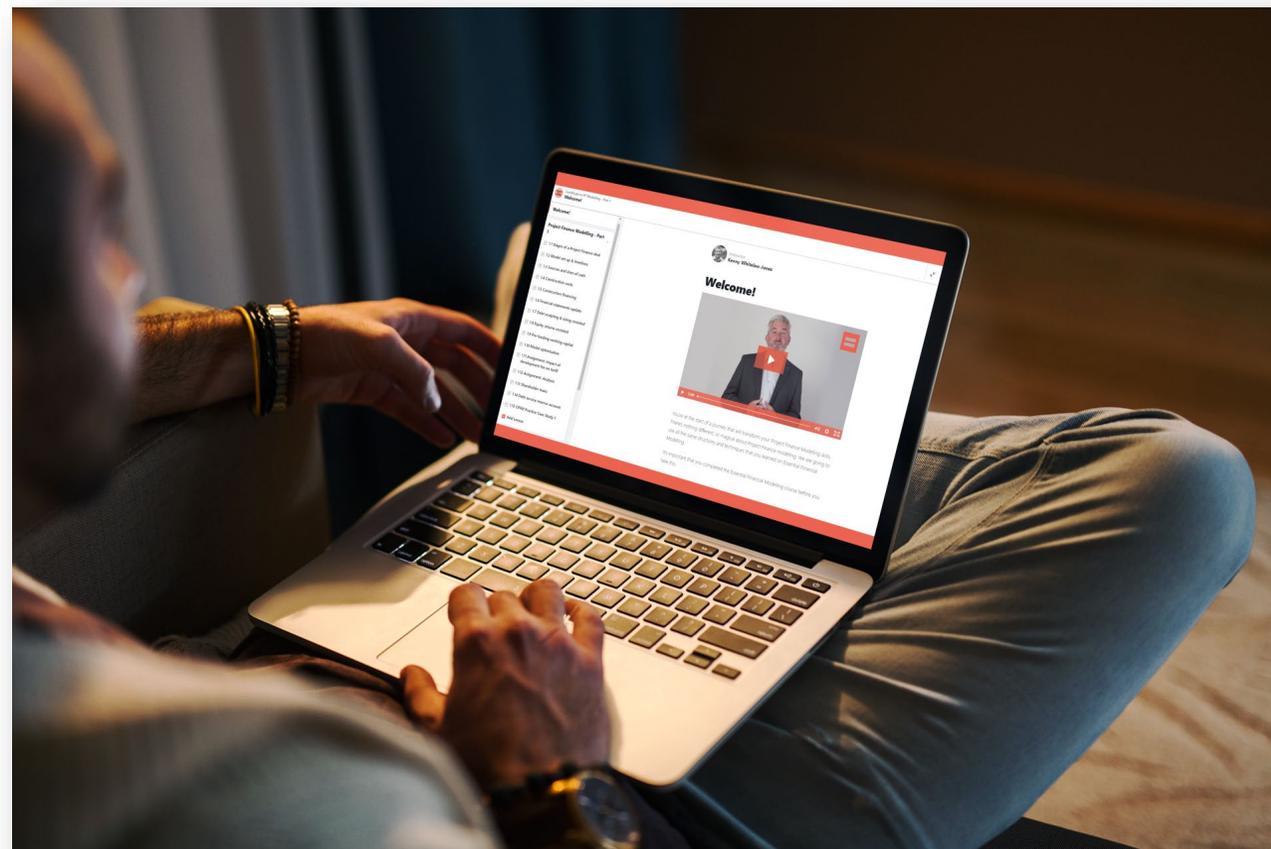
WHAT IS THE CERTIFICATE IN PROJECT FINANCE MODELLING?

The CPFM course is the complete course in Project Finance Modelling Training. Available on your terms.

Subscribe for just **\$60/ month** for only as long as you need.

A subscription to the course includes:

- ✓ Complete training in all aspects of Project Finance Modelling.
- ✓ Downloadable models and worked example files.
- ✓ Access to all course updates for as long as you remain a member.
- ✓ Regular live Q&A classes and masterclasses.
- ✓ Weekly live instructor support sessions.
- ✓ The bonus 'Effective Data Visualisation' course.



COURSE OVERVIEW

FINANCIAL MODELLING EXCELLENCE FOR PROJECT FINANCE

Financial modelling is both a theoretical and a practical skill set. The Certificate in Project Finance Modelling programme develops both areas of competence.

In order to help you master the skills of Project Finance Modelling you'll receive:

- Detailed expert tuition and example models.
- Regular live Q&A sessions with instructors.
- Modelling assignments throughout the course to test progress.
- Final model audit with detailed personalised feedback.*

*Optional final model audit. Requires additional payment for the CPFM Professional Modelling Skills Assessment.



COURSE OVERVIEW

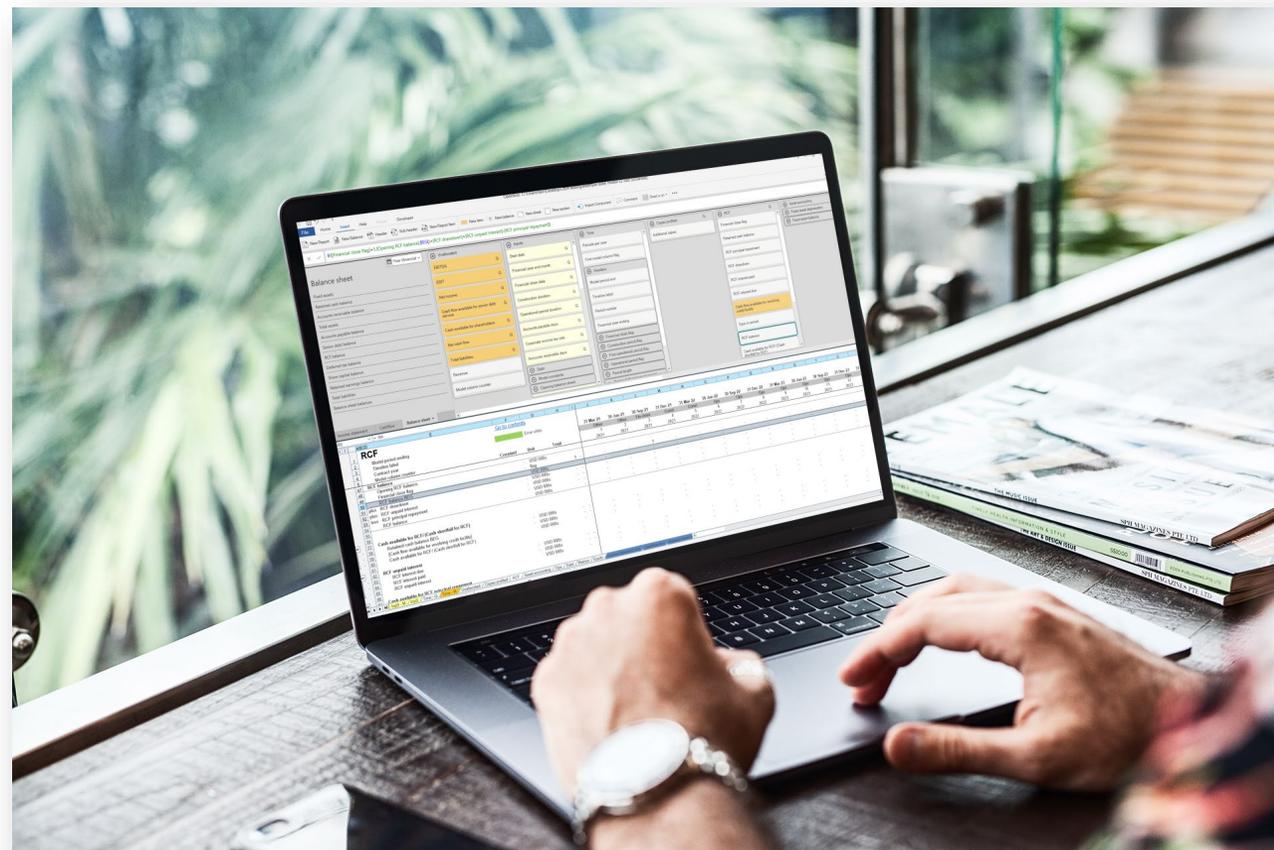
PROJECT ANALYSIS

Project Finance modelling is not just about model build skills. You also need a well-developed analytical mindset.

In addition to practicing your model build skills, you will be given regular analytical assignments.

These ensure that you can use your model to answer critical commercial questions about projects.

Everyone is welcome to work through the course tutorials, but successful completion of the the final CPFM challenge model build case study is a pre-requisite to achieving the formal Certificate in Project Finance Modelling. It's a self-paced model build assignment that is marked by our instructors and detailed feedback will be provided.



COURSE OVERVIEW

EFFECTIVE DATA VISUALISATION

This bonus-course on data visualisation is included for free with your CPFM subscription.

Within this course, we explore key principles of data visualisation that will, with a little study, improve the way you present data.

We also run monthly visualisation challenges throughout the year!

This course is designed to boost your presentations and professionalise the look of your hard work.



PROGRAMME OUTLINE



Project Finance modelling is not just about model build skills. You also need a well-developed analytical mindset.



Kenny Whitelaw-Jones
Partner, Gridlines
Co-founder, Project Finance Institute

Kenny has spent the last 18 years in financial modelling both in delivery of financial modelling assignments with top tier accounting firms and in training of financial modelling professionals. Kenny is also the co-founder of the Project Finance Institute and workshop leader.

Project finance modelling – part 1

- 1.1 Stages of a Project Finance deal
- 1.2 Model set up & timelines
- 1.3 Sources and Uses of cash
- 1.4 Construction costs
- 1.5 Construction financing
- 1.6 Financial statements update
- 1.7 Debt sculpting & sizing revisited
- 1.8 Equity returns revisited
- 1.9 Pre-funding working capital
- 1.10 Model optimisation
- 1.11 Assignment: Impact of development fee on tariff
- 1.12 Assignment: Analysis
- 1.13 Shareholder loans
- 1.14 Debt service reserve account

Project finance modelling – part 2

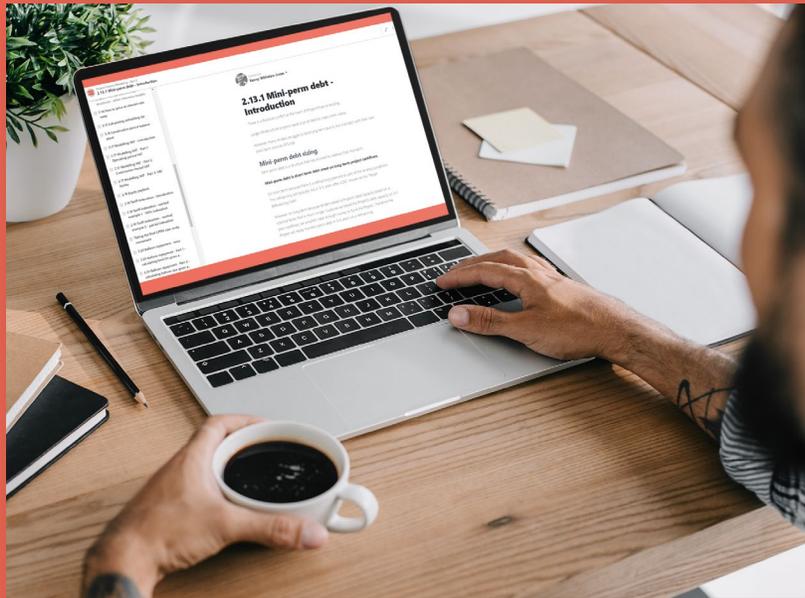
- 2.1 Part 1 solutions
- 2.2 How to use Excel's probability distribution functions to obtain P-values
- 2.3 DSCR - base case, distribution lock up & default
- 2.4 Average DSCR
- 2.5 Loan Life Cover Ratio (LLCR)
- 2.6 Project Life Cover Ratio (PLCR)
- 2.7 Average cost of debt
- 2.8 Weighted Average Loan Life
- 2.9 Debt capacity revisited
- 2.10 Equity bridge loan
- 2.11 Modelling multiple tranches of debt
- 2.12 Solving P50 vs P90
- 2.13 Mini-perm debt modelling
- 2.14 Swap pricing
- 2.15 Advanced accounting and tax modelling

PROGRAMME OUTLINE



Case Studies & Final Test – part 3

- Multiple practice case studies
- Final case study model subject to full model audit
- Detailed personalised feedback
- Rework undertaken where required



Effective Data Visualisation:

- Step 1. Understand your audience
- Step 2. Organise your ideas
- Step 3. Choose effective visuals
 - 3.1 Understanding visual hierarchy
 - 3.2 Effective table design
 - 3.3 Form follows function - choosing the best chart type
 - 3.4 Pie charts are the devil. Donut charts are not much better
- Step 4. Achieving visual order
 - 4.1 Thinking with our eyes - experiment
 - 4.2 Thinking with our eyes - iconic vs working memory
 - 4.3 Pre-attentive visual processing - experiment
 - 4.4 Pre-attentive visual processing - elements of form
 - 4.5 Gestalt principles of visual perception
 - 4.6 Achieving visual order walkthrough - scatterplot
 - 4.7 Achieving visual order walkthrough - line graph
 - 4.8 Achieving visual order walkthrough - vertical bar chart
- Step 5. Focus attention
- Wrap up & next steps
- Reading list
- Data visualisation challenge 1

CPFM ACCREDITATION

CPFM PROFESSIONAL MODELLING SKILLS ASSESSMENT

Be recognised for your skills.

Take the Certificate In Project Finance Modelling Professional Skills Assessment.

The training you receive as part of your subscription will prepare you for taking the CPM Professional Modelling Skills Assessment.

The assessment costs US\$650.

Students wishing to take the CPFA programme after having completed the CPM Professional Modelling Skills Assessment will have the fee of USD 650 deducted from the cost of the CPFA programme.

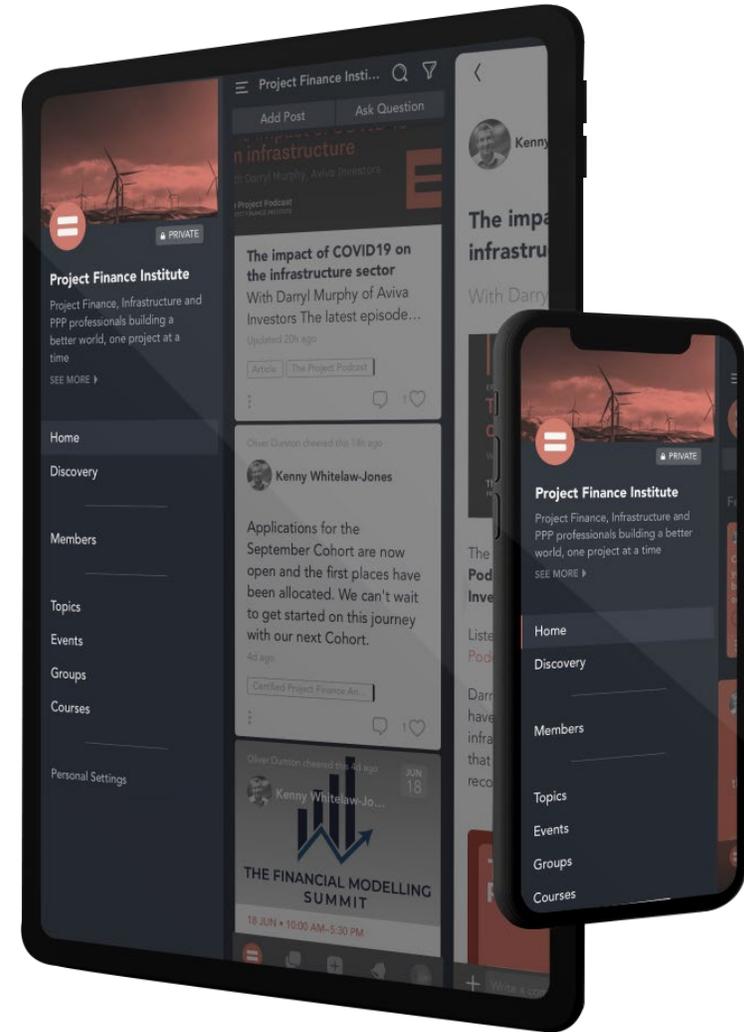


APP BASED LEARNING COMMUNITY

All our courses can be accessed via a web browser or in our custom-made app, available for iOS and Android.

Within the app you can:

- Access the latest course materials and feedback on the go
- Be part of a closed discussion group with fellow students
- Access exclusive member only events
- Connect with other project finance and infrastructure professionals



Ready to get started?

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Finance Modelling training.

Available on your terms.

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