

F1F9ACADEMY

DEBT STRUCTURING TECHNIQUES IN EXCEL

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F1F9 ACADEMY

F1F9 financial modelling training is trusted by the world's leading financial companies. We train our clients to build robust models that allow them to collaborate effectively and make better decisions.

We run public courses in cities including New York, London, Antwerp, Rotterdam and Toronto. All of our courses can be run in-house, and an increasing number are available online.

Course participants continue to learn from us long after classroom sessions have ended. They are able to revisit course material through online videos, printed course notes and additional case studies. Many use our support forums to get answers to their specific questions from our dedicated team of FAST financial modellers. We offer specialised courses in a number of sectors, delivered by industry experts.



Public



In-house



Online



F1F9 is accredited by the FAST Standard Organisation Ltd to deliver FAST training courses. See: www.FAST-standard.org/training for details

“Thank you very much for this very useful insight into the practicalities of structuring complicated facilities.”

Participant, **EBRD**, November 2013

DEBT STRUCTURING TECHNIQUES IN EXCEL

A two day intensive debt structuring course for bankers, corporate financial officers and advisors:

Learn practical skills for a range of debt financing instruments: Benefit from step by step sessions on short-term debt facilities, senior long-term debt and subordinated long-term debt facilities

Understand how to model integrated debt financing solutions in Excel: Use powerful approaches to size and structure integrated corporate debt financing solutions

Develop widely relevant and transferable skills: Acquire tools and skills that you can readily apply in Excel to a range of debt structuring situations

Benefit from up-to-date industry knowledge: Our instructors are experts in wholesale commercial lending, corporate finance and in applying the FAST Standard to corporate financing solutions

DEBT STRUCTURING TECHNIQUES IN EXCEL/ **WHAT KIND OF COURSE?**

Outline

Debt Structuring Techniques in Excel is a two day intensive debt structuring course. Participants will learn the debt structuring techniques being used by lending bankers in today's market alongside powerful tools in Excel to help size and structure a corporate debt financing solution.

In this practical and hands-on course, you will work with a financial model for an existing company and consider how to finance planned investments for a range of business strategies under consideration. You will work through practical debt structuring methodologies and build effective and flexible debt structuring solutions in the financial model, including revolving credit facilities, senior term debt and subordinated term debt.

During the course you will develop transferable skills that may be applied in Excel to most debt structuring situations. By the end of the training, you will be able to model debt in a way that is transparent, flexible and facilitates model sharing and collaboration.

DEBT STRUCTURING TECHNIQUES IN EXCEL/ **WHO IS IT FOR?**

Target Audience

The course is designed for professionals who work with financial models in Excel to assist in structuring debt finance solutions for corporate investment plans. It will benefit lending bankers, credit officers, corporate treasurers, corporate financial officers, corporate financiers and corporate finance advisors in particular.

Teaching Approach

This is a practical and applied course. You will start with an existing financial model with integrated financial statements, historic numbers and forecasts. You will then use the financial model to assess the financing of three possible strategies. In each strategy the senior debt capacity differs - as does the need for subordinated debt and / or additional equity finance. As you develop your understanding of how cash flows are being generated and used under each strategy, you will learn to apply best lending practice through hands-on, instructor-led modelling sessions.

DEBT STRUCTURING TECHNIQUES IN EXCEL/ **BEFORE & AFTER**

Pre-work

Before enrolling on *Debt Structuring Techniques in Excel*, we recommend that you complete either our *Techniques for Robust Credit Analysis in Excel* course or the *FAST Financial Modelling course*. At the very least, you should complete the [Introduction to FAST financial modelling online course](#) which covers the basic Excel skills and knowledge needed to take on an existing model for the case company and to develop and integrate detailed debt structures into the model.

As soon as we receive your booking, we will send you an invitation to an exclusive online classroom in the F1F9 Academy where all of this material will be available, as well as course joining details and course files.

Post course support

Your course fee includes unlimited access to the F1F9 Academy. This includes access to video tutorials on the topics that we teach in class, plus additional topics that we may not be able to cover within the classroom sessions.

All post-course questions are answered within 24 hours, usually much quicker. In short, we don't just give you two days of tuition and leave you to it – we are by your side as you put your new learning into practice.

DEBT STRUCTURING TECHNIQUES IN EXCEL/ **CLASS SESSIONS**

Day 1:

Use the Excel financial model to explore how cash flows are being generated and used under each of the three possible strategies the company is considering.

Model the cash flows available for debt service under each strategy.

Use your understanding to identify sources and timings of cash flow the lending banker can rely on for debt service.

Use the financial model to calculate sustainable cash flows available for senior debt service. Develop and apply powerful structuring tools in Excel to size a senior debt solution and to identify the requirement for junior capital financing.

Day 2

Model each specific layer of debt financing including:

- Short-term debt;
- Long-term senior debt; and
- Subordinated debt.

Model the cash flow waterfall so that payments of interest and principal are ranked correctly with regard to the nature and timings of cash flows generated under the strategies being considered.

Design and model covenants in Excel and set model alerts for breaches in covenants. Stress test the debt structures proposed and generate relevant diagrams and charts for communication and presentation.

DEBT STRUCTURING TECHNIQUES IN EXCEL/ **REQUIREMENTS**

Tools & Setup

Participants should have a basic understanding of Excel and will need to complete a short online pre-course. They will also need to bring a laptop with them, ideally one that they are familiar with. It should have a Microsoft Windows operating system with Excel loaded (Excel 2003 or later) and Analysis ToolPak available.

Laptops may be rented from F1F9 for an additional charge.

“Thank you very much for this very useful insight into the practicalities of structuring complicated facilities.”

“The trainer made the complicated subject matter easy to understand.”

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FIND OUT MORE ABOUT OUR **FINANCIAL MODELLING TRAINING/**

WWW.F1F9.COM/FINANCIAL-MODELLING-TRAINING/

INFO.F1F9.COM/31-DAY-FINANCIAL-MODELLING-COURSE

INFO.F1F9.COM/WHAT-OUR-CLIENTS-SAY

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SOME OF OUR **REGULAR TRAINING CLIENTS:**

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Qatar Petroleum

AEBEL

RBS
The Royal Bank of Scotland

SIEMENS

Standard Bank

Standard Chartered

Transport for London

F1F9 teaches the best financial modelling courses available on the market today, training our clients to build better models themselves through courses delivered worldwide.

We also build and maintain financial models used by leading corporates, advisors, banks and funds.

Our team of over 40 modellers constantly use the techniques we teach on our courses. Financial modelling is our core business. It's what we do.

To discuss how we can meet your training needs, call Alex Arnold on **+44 203 239 8575** or email **alex.arnold@f1f9.com**

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