

CPD TRAINING COURSE

ADVANCED FINANCE FOR ENGINEERS



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INFORMATION VISIT
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Overview

The course has been designed as a follow on to Finance for Engineers. Ideally participants should have completed part 1 before progressing to this level. As part of their work many engineers play a part in recommending capital investments, new product development, business diversification, etc. In practice they recommend an investment 'today' in the belief that this will yield a return at some time in the 'future'.

Course aim

The aim of the course is to equip engineers with the analytical tools to assess the financial viability of projects or business plans. These tools can also be used in the context of the individuals long term personal financial planning.

Learning objectives

The course has been developed so that participants will gain a solid understanding on how various techniques are used to assess the viability of capital investments. Participants will learn how to perform various calculations associated with the 'time value of money' taking into account issues such as annual growth rate, inflation rate, annuity, etc.

In addition participants will be given guidelines on how best to present a business plan and how to understand/calculate both Working Capital and Borrowing/Debtor Finance requirements.

Finally participants will be shown how they can calculate their likely pension requirements and how the stock market is likely to play a role in funding this.

Programme

- The Time Value of Money
- Capital Investment Decisions; using Accounting Rate of Return (ARR), Payback Period (PP), Net Present Value (NPV), Internal Rate of Return (IRR)
- Different classes of share capital within a business (how these are issued/sold/diluted etc.)
- Debtor Finance
- Working Capital
- The Stock Market. An introduction
- Planning for a Pension
- Business Planning (how to put your best foot forward when presenting a business case/ project)

Who should attend?

This course is suitable for engineers of all levels who are interested in learning about finance. Ideally participants should have completed part 1 before progressing to this level.

Trainer profile

The course tutor Eugene Daly is a Chartered Engineer with over 25 years experience working with Irish SME's, multinational and state companies. He worked for Enterprise Ireland, acting as a business consultant in the field of Operations Management and for six years worked in "financial due diligence" (i.e. analysing business plans of companies seeking to raise finance to grow). This work involved a high degree of financial analysis. He holds an MBA from Henley Business School. He is self employed and has a keen interest in promoting financial acumen among Engineers/Scientists.