

# *Financial Education Professionals*

## *Financial Mathematics*

Financial Education Professionals Pty Ltd is a specialist training company providing technical education, compliance training and assessment services for financial institutions. Our courses are designed to reflect the current marketplace and are written and delivered by industry practitioners.

Financial Mathematics is a broad knowledge area which is typically daunting and poorly trained. Yet the importance of a good foundation understanding cannot be understated for those wishing to pursue a long term career in financial services.

We offer workshops that are specific to four key markets to enable a clear understanding of concepts and calculations specific to each. By segmenting the content, individuals are able to undertake more focused training and emerge with a far superior understanding of each.

These workshops are at a basic level, although if you wish to have a tailored program that augments the initial workshop, we can structure this to suit your needs.

A short description of each is provided below:

### **Securities[6 hours]**

This series looks at the equities markets. It covers basic concepts and then examines the fundamental mathematics relevant to it, such as share valuation (including the effect of dilution), PEs, Dividend ratios (including dividend imputation), NTAs, ROEs etc.

We also spend some time looking at industry-specific issues that impact ratios and their relative importance to users.

*Fee = \$725 per person (+GST)*

### **Options [6 hours]**

This series focuses on options and basic option pricing theory. It introduces concepts starting from the basic such as calls and puts; duration and volatility and progresses to the more exotic including Deltas and Gammas.

The course is designed to be interactive and includes games and role play to make learning more enjoyable.

*Fee = \$725 per person (+GST)*

## Fixed Interest [6 hours]

The fixed interest market is vast and integral to the operation of financial markets globally. This course looks at all aspects of this market. Once again, it starts with the basic and more familiar concepts such as the yield curve and then proceeds to examine the various aspects of the market from Government Securities, Corporate Bonds and Commercial Paper.

The course also spends some time examining the impact of key factors such as inflation, money supply and rating agencies on the pricing of instruments.

*Fee = \$725 per person (+GST)*

## Foreign Exchange [6 hours]

This program provides an overview of the largest sector of the global financial markets - the foreign exchange market. The program discusses the factors that drive exchange rates and exchange rate volatility and the impact that this has on major participants such as banks, governments and corporate customers. The program also reviews how trading takes place in the foreign exchange market and profiles the pricing of major products.

The course covers the mechanics of basic foreign exchange mathematics and looks at how the movement of markets, major economic flows and political events can impact the value of currencies.

*Fee = \$725 per person (+GST)*

## Further Information

If you would like to contact us regarding any of the compliance programs contained in this brochure, please contact us directly.

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Financial Education Professionals Pty Ltd was established in 2001.

We focus on:

- ▶ tailored course design and delivery in investment banking, investment management and financial markets
- ▶ training for custody and treasury operations and investment administration roles and
- ▶ initial training and continuing professional education for wholesale market participants to meet Australian Securities and Investments Commission's (ASIC's) licensing compliance requirements

Financial Education Professionals is an ASIC Authorised Assessor for the purposes of RG 146 and RG 105 and is a Registered Training Organisation, accredited to offer programs and qualifications throughout Australia.