

East Asia Training & Consultancy Pte Ltd

Head Office: 3 Raffles Place, #07-01 Bharat Building, Singapore 048617
Regional Offices: Malaysia, Indonesia, Thailand, Philippines, Vietnam, Hong Kong
Fax : (65)-62506369 Tel: (65)-62199062
Email : enquiry@eastasiatc.com.sg
Website: www.eastasiatc.com.sg

Applied Financial Forecasting with Excel & VBA

3-Day Professional Development Training Course

East Asia Training & Consultancy Pte Ltd invites you to attend a three-day professional development workshop, using Excel & Visual Basic Applications (VBA) to create and build models with financial applications.

Course Programme

Financial Modeling is an essential skill for finance and non-finance professionals, and Excel and its built-in programming language, VBA, are the preferred tools for the job.

Many employees are familiar with using the most basic functions in Excel in building simple models. This is exemplified by the common use of macros by users. However, with the constant changes in the business environment being the norm of the day, there is a need to move organizations beyond efficiency.

The objective of the course is to build on the current skill level of the participants to build more complex models using the advanced Excel financial functions and tools and to enhance participants' knowledge of modeling languages such as VBA.

The acquisition and development of corporate models are a means to retain organizations knowledge and promote knowledge-sharing, and these are tangible direct benefits for participants. This course will introduce to the Excel users the additional programming capability in the context of building powerful, flexible and usable spreadsheet models.

In this public course, you will learn how to create macros, functions, and execute financial modeling techniques in Excel. Start from the basics of creating your own VBA forms and custom function development within Excel VBA, to advanced stochastic modeling in finance and packaging your application for deployment company-wide.

This course will be hands-on in using Excel to build VBA applets and models with financial applications. Participants are required to bring their own laptops.

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Who should Attend

The course is aimed at forecasters and researchers in: Economic Research, Model Building, Financial Modelling, Currency Strategy, Arbitrage Trading, Quantitative Investment Management, Sales & Inventory Forecasting, Traffic Modelling, Energy Load Forecasting, University Instruction, Audit, Statistics, Budget Analysis, Financial Analysis, Market Research, Information Technology and Policy, Planning & Research.

This course is also applicable for non-financial professionals who wish to learn and/or improve your modelling skills using Excel & VBA.

Fee

The fee covers extensive course materials and databases, luncheons, morning and afternoon tea/coffee breaks, refreshments, receptions and the opportunity to meet and network with modellers and forecasters from various industries in Asia.

Registration

The number of participants is restricted. Please register early to guarantee your place. Please complete the official registration form and fax or email it to us at administrator@eastasiatc.com.sg to reserve your place. Confirmation will only be made upon receipt of payment. Further instructions will be sent to confirmed participants.

MAS Financial Sector Development Fund (FSDF)

Participants may be eligible for Financial Sector Development Fund (FSDF) support on a case by case basis. Interested applicants should submit their applications to the FSDF Secretariat directly. For enquiries, please contact the FSDF secretariat at 65- 6229 9396 or via email at fsdf@mas.gov.sg.

You may use the printable MAS FSDF application form in Word format posted on our website. Please submit your applications to the FSDF Secretariat directly at least 6 weeks prior to the commencement of the course.

Course Outline

Day 1

- ❖ **Excel for Financial Modeling**
 - Excel basics

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- Advanced Excel features
- Excel's built-in functions and analysis tools

❖ Financial Modeling Using Excel – I

- How to build good Excel models
- Financial statements forecasting
- Financial planning and investments
- Analyzing Market History

Day 2

❖ Financial Modeling Using Excel – II

- Bond pricing and duration
- Simulating stock prices
- Options and option portfolios

❖ VBA for Financial Modeling

- Introduction to VBA
- VBA Essentials
- Sub and Function Procedures

Day 3

❖ Financial Modeling Using VBA - I

- Time value of money
- Financial planning and investments
- Portfolio optimization

❖ Financial Modeling Using VBA - II

- Asset pricing
- Simulating stock prices
- Binomial option pricing