INTRODUCTION

Financial mathematics is an essential element in fully understanding the products traded in the global markets. Likewise, those same principals underlie the valuation of cashflows in everyday company financial transactions, and ultimately determine the costs of the various financial services offered to retail clients of the banking business.

AIMS

The four session programme aims to provide participants with a practical understanding of: The time value of money - simple interest
The time value of money - compound interest
Time series analysis and descriptive statistics
Probability and its application to financial markets

This is achieved by explaining the concepts and formulae and applying the knowledge to financial transactions and products.

METHODOLOGY

The programme runs over four sessions, each of four hours. Participants will apply their understanding to a range of exercises using a CFA approved calculator. Spreadsheets will be used in class to demonstrate appropriate Excel functionality.

EVALUATION

The evaluation is based upon participation in the classroom and in solving exercises during class (30%), plus a post course assessment (70%)

No matter how high the evaluation on the participation may be, in order to get a passing grade on the subject the participant needs to pass the written part of the evaluation (assignment).

BIBLIOGRAPHY

- All information, notes and exercises will be available either on-line or handed out in class