

NEW



Advantage Caribbean Institute

Foundations in Financial Mathematics

To successfully understand and pass an accountancy course you need to have a thorough grasp of many fundamental mathematical concepts. This starts with basic mathematics.

Before tackling financial mathematics students need to be able to:

- Manipulate and solve equations confidently
- Understand mathematical rules giving them parameters to work within
- Understand probability and risk
- Work with data to analyse, summarise and represent information
- Create accurate graphs.



All this and more is covered in the Foundations in Financial Mathematics Course using video lectures and online quizzes.

Practice and application is key when learning to understand mathematics - and with the support from this course you will be better equipped to study accountancy and more prepared to pass the final exams.



Foundations in Financial Mathematics

This Foundations in Financial Mathematics course can be taken by both students who are struggling with mathematics, as well as those needing a quick refresher before starting an accountancy course. Depending on your experience, you can either work your way through the seven chapters, or start midway through the course. It can be taken before you start your studies to provide you with a solid mathematical foundation, or as an aid if you get stuck during your accountancy course by reviewing the chapter that is applicable.

This course covers the basic mathematical knowledge needed to successfully utilise financial mathematics in your accountancy studies and your financial career. It begins by looking at mathematical terminology, indices, fractions, solving equations and probability, then progresses onto various types of data manipulation and representations, with a whole chapter dedicated to forecasting.

The key to any mathematical learning is practice, so each chapter is broken down into bitesize video lectures and supported by extensive online assignments to apply what you have learned. Every few chapters there is a quick quiz, to ensure you are retaining the information by testing your understanding of how topics coincide and relate to each other. The course concludes with chapters on financial mathematics and spreadsheet software.

