



Abbey Gate College
Sixth Form

Further Mathematics

Edexcel



Scan for course
info on Edexcel

Why study this at A Level?

The main reason would be because you love Mathematics. Further Maths provides a wider and deeper understanding of the ideas covered in A Level Mathematics, while introducing new concepts as well.

You also have the opportunity to choose additional topics that suit your strengths and interests.

Unsurprisingly, Further Mathematics is highly regarded by universities and employers.

Course Content and Assessment

Edexcel A Level Further Mathematics fall into two categories of content:

Core Pure

- Complex Numbers, Matrices, Vectors, Hyperbolic Functions, Polar Coordinates, Differential Equations

And choice of two optional papers from the following:

Further Mechanics, Further Stats, Further Pure and Decision

Skills obtained

- *Mathematical and statistical problem solving, data analysis and interpretation skills, which are considered valuable in a broad range of subject areas.*
- *Careers in finance, medicine, engineering, and business are all open to people with a background in Mathematics.*

Our students have gone on to pursue a number of related university courses including Engineering, Economics, Physics, Computer Science, Statistics, Geography, Actuarial Science and, of course, Mathematics

Assessment

The A level course is assessed in its entirety at the end of Year 13 through a total of four papers:

- *Two consisting of the Core Pure content, One for each of the Optional papers.*

Each of the papers is 90 minutes in length.