Mathematics

Examination Board: Edexcel
A Level in Mathematics: 9MA0

What will I learn?

- Algebra & functions
- Equations & Inequalities
- Curve sketching
- Coordinate geometry
- Arithmetic/Geometric Sequences and series
- Differentiation
- Integration
- Exponentials & Logarithms
- The Binomial Expansion
- Graphs of trigonometric functions
- Trigonometric identities
- 2D & 3D Vectors
- Mechanics and/or Statistics

Assessment

A Level

Three equally weighted examinations.

Who is the course suited to?

Anyone who is very competent with algebra and has achieved at least grade 7 at GCSE.

What is the structure of the course?

Paper 1:

Pure 1 (100 marks)

Paper 2:

Pure 2 (100 marks)

Paper 3:

Statistics:
50 marks

Mechanics:
50 marks

Reasons to consider doing Mathematics at A Level:

- You are considering applying for any numerate degree course.
- You simply enjoy the challenges of mathematics.
- You are thinking about becoming Chancellor of the Exchequer one day!