



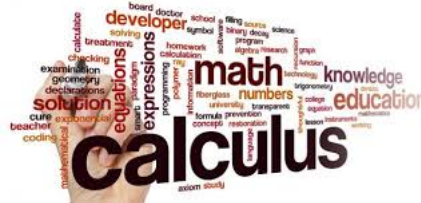
MARICOURT SIXTH FORM CENTRE

FURTHER MATHEMATICS

WHAT IS IT?

This is a two year course with the AS taken in year 12 and A level in year 13. Analytical, logic and problem solving skills across a range of applications in mathematics will be developed.

These skills can be used effectively in life in many different contexts. An aptitude for algebraic manipulation is essential.



REQUIREMENTS

Grade 8 or above in
GCSE Mathematics

ASSESSMENT

Year 12 AS, 2 x 1 hour 30 exam papers.
Paper 1 : Core Pure (50%)
Paper 2 : Further Pure 1 and Further Statistics 1 (50%)
Year 13 A Level, 4 equally weighted (25%), 1 hour 30 exam papers.
Paper 1 : Core Pure 1
Paper 2 : Core Pure 2
Paper 3 : Further Pure 1
Paper 4 : Further Statistics 1

CONTENT

Paper 1 - Core Pure Maths 1: Proof, Complex Numbers, Matrices, Further Algebra & Functions, Further Calculus, Further Vectors.

Paper 2 - Further Pure 1 & Further Statistics 1 – Vectors, conic sections, inequalities, the t-formulae, numerical methods, discrete random variables, poisson distribution, hypothesis testing, chi-squared tests.