GCE A Level Courses

Further Maths
Pearson Edexcel

GCE A LEVEL (2 Years)

STUDENTS WILL NEED
Students will need to achieve recommended entry requirements for Academic or Professional pathway, plus subject specific requirements of:
GCSE Higher Tier Maths at grade 8/9. This course can <u>only</u> be studied alongside Mathematics A Level. This course is aimed at students who are expecting to attend university and follow a course with a high mathematical content for example Mathematics, Science, Computing, Engineering or Economics.

STUDENTS WILL STUDY
A variety of topics will be covered including proof, complex numbers, matrices, further algebra and functions, further calculus and further vectors

ASSESSMENT
Students are assessed using four written examinations
Paper 1: Core Pure Mathematics 1 (25%)
Paper 2: Core Pure Mathematics 2 (25%)
Paper 3: Further Mathematics Option 1 (25%)
Paper 4: Further Mathematics Option 2 (25%)

Option 1 to be chosen from Further Pure Mathematics 3, Further Statistics 1, Further Mechanics 1, Decision Mathematics 1.

Option 2 to be chosen from Further Pure Mathematics 4, Further Statistics 1 (*), Further Statistics 2, Further Mechanics 1 (*), Further Mechanics 2, Decision Mathematics 1 (*), Decision Mathematics 2.

(*) Note – these options can only be taken **once** so students must do two unique options.

POTENTIAL SECTORS OF EMPLOYMENT
Science and Mathematics Health
Public Services and Care
Engineering and Manufacturing technologies
Information and Communication technologies
Construction, Planning and the Built Environment
Education and Training