



Mathematics

Exam Board: AQA

Contact: Miss Heden

You should do take this course because... GCE Mathematics is an internationally recognised qualification, which is exciting and challenging to study. Studying Mathematics will enable you to understand the statistics used in the news, make sense of the economy, medicine and law. You will develop the capacity to deal with numbers, which will automatically place you at an advantage both financially and socially.

AS Level

Course Title: Advanced Subsidiary GCE in Maths

Course Content: Paper 1: Proof, Algebra and functions, Coordinate geometry, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Vectors, Quantities and units in mechanics, Kinematics & Forces and Newton's laws.

Paper 2: Proof, Algebra and functions, Coordinate geometry, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions & Statistical hypothesis testing.

Entry

Requirements : GCSE Mathematics grade 6.

Assessment Type: Examination 100% (2 exams)

A Level

Course Title: Advanced GCE in Maths

Course Content: Paper 1: Proof, Algebra and functions, Coordinate geometry, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Numerical methods.

Paper 2: May assess any content from paper 1. Vectors, Quantities and units in mechanics, Kinematics, Forces and Newton's law, Moments.

Paper 3: May assess any content from Paper 1. Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing.

Entry

Requirements : Grade D or above in AS Level Mathematics
(In exceptional circumstances AS Level grade D maybe considered)

Assessment Type: Examination 100% (3 exams in June)

If I did this course it would enable me to... develop my functional Maths skills required for everyday life, employment and future study. It will also allow for the development of transferable learning skills such as reasoning, communication and logical problem solving; and appreciation of the creativity, versatility and beauty of Mathematics.