Course Description

Further Mathematics

Aims of the Subject

These are similar to Advanced level Mathematics but the ideas and techniques are generally more advanced. Further Mathematics is particularly recommended for anyone considering studying Mathematics, Engineering, Physics or related subjects at University. The details below relate to the course taught at Southam College.

Course Description

Both AS and A level Further Mathematics have a simple 50:50 split between compulsory and optional elements. The compulsory element is Further Pure Mathematics which looks at more advanced algebraic techniques than that undertaken in the single Mathematic course. The optional element of the course is made up of two of the following options: Further Pure, Further Statistics, Further Mechanics or Decision Mathematics.

Assessment

The specification followed does not have a coursework element and is fully assessed by a written examination paper taken in June in the following structure:

AS Assessment

Paper 1: Further Pure Mathematics – 1 hour 40 minutes (80 marks)

Paper 2: Further Mathematics Option – 1 hour 40 minutes (80 marks)

A-Level Assessment

Paper 1: Further Pure Mathematics 1 – 1 hour 30 minutes (75 marks)

Paper 2: Further Pure Mathematics 2 – 1 hour 30 minutes (75 marks)

Paper 3: Further Mathematics Option 1 – 1 hour 30 minutes (75 marks)

Paper 4: Further Mathematics Option 2 – 1 hour 30 minutes (75 marks)

Study Requirements

Students will be expected to spend a minimum of five hours per week outside timetabled lessons studying. They will also be expected to complete tasks punctually and to take responsibility for their own learning. This will mean seeking advice from mathematics teachers outside lesson time where appropriate.

Course Entry Requirements

GCSE Grade 7 in Mathematics (higher level) and 85% or above in the Head Start September assessment.

Exam Board: PEARSON EDEXCEL
Specification link:
https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specificati

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