

## A Level Subject Description

**Subject: GCE MATHEMATICS**

### **Course content and assessment schedule:**

<b>Paper</b>	<b>Duration</b>	<b>Season when first taken</b>	<b>Brief outline of main content.</b>
1	1½hours	January of Yr 13	C1 - pure maths. This module revises a lot of the work done in yr12 in additional maths. Some of the topics covered are algebra, differentiation, integration etc.
2	1½hours	Summer of year 13	C2 - pure maths This module covers the topics done in C1 in more detail and a few more topics of pure maths are introduced.
3	1½hours	Summer of year 13	S1 focuses on statistics and revises some of the work covered in Year 12 in additional maths.
4	1½hours	January of year 14	C3 - pure maths. Some of the topics covered are Functions, transforming graphs etc.
5	1½hours	Summer of year 14	C4 - pure maths. Topics covered are partial fractions, binomial expansion, integration and differentiation.
6	1½hours	Summer of year 14	M1 focuses on mechanics and revises some of the work covered in Year 12 in additional maths.

### **Entry requirements:**

<b>Compulsory GCSE subjects</b>	<b>Grade</b>	<b>Desirable subjects</b>	<b>Grade</b>
GCSE Maths (Higher)	A	Additional Maths	A OR B

### **Qualities / skills needed to succeed in the course**

- Ability to organise work effectively
- Ability to work independently
- Ability to research and supplement your notes using a range of sources.
- Ability to think logically
- Habit of continuous revision of work done in class.
- Willingness to spend time working extensively on past paper questions