

Mathematics

Exam Board: Edexcel

ENTRY REQUIREMENTS

Candidates are expected to have achieved a Grade A*–B from the highest level of the GCSE Mathematics syllabus.

COURSE STRUCTURE AND CONTENT

A Level Maths is taken in two parts as AS and A2. AS is the first part of the course and can be taken in its own right. AS is equivalent to half an A Level. Students will Study three modules for AS and three modules for A2.

YOU WILL STUDY

AS Level

- C1:* Pure Mathematics
- C2:* Pure Mathematics
- S1:* Statistics

A2 Level

- C3:* Pure Mathematics
- C4:* Pure Mathematics
- M1:* Mechanics

YOU WILL BE ASSESSED IN THE FOLLOWING WAYS

Each module is assessed via examination. All module exams are 1½ hours. Each module has equal weighting.

SKILLS DEVELOPED

AS/A2 Level, students have opportunities to:—

- Consolidate and extend the knowledge, skills and understanding developed in KS4.
- Use mathematics as an effective means of communication.
- Build a suitable foundation for study of mathematics and other subjects in further and higher education.
- Prepare themselves for their economic environment and for a range of interesting careers.
- Enjoy a coherent, satisfying and worthwhile course of study.

In following a course in mathematics, students should be encouraged to make appropriate use of graphic calculators and computers as tools by which the learning of Mathematics can be enhanced.

CAREER PROGRESSION

Students who will benefit from studying mathematics at post 16 are those who are considering careers in the following:—

- Accountancy
- Banking
- Medicine
- Veterinary Science
- Teaching
- Engineering
- Surveying, etc.

It is advisable that all students should discuss with their Careers Teacher what subjects they should take to AS/A2 Level as many universities insist on certain courses.