

EXTRA ENTRY REQUIREMENTS

At least a grade 6 in GCSE Mathematics on the Higher Tier.

WHO DO I SEE FOR MORE INFORMATION?

- Mr A. Pope, KS5 Co-Ordinator of Mathematics

MATHEMATICS

WHAT WILL I STUDY AND LEARN?

The course content consists of three modules. Two of these modules are on Pure Mathematics topics and the other module is Applied Mathematics, studying Statistics and Mechanics.

The two Pure Mathematics units involve the study of mathematical concepts and methods. Aspects of algebra, trigonometry and vectors are developed from GCSE, and calculus is begun.

Mechanics is the most significant application area as it is used as a major vehicle for mathematical modelling, especially in subjects such as Physics and Engineering.

Statistics modules extend the work experienced in GCSE in the areas of data handling and probability, as well as analysing a pre-release large set of data.

HOW IS IT TAUGHT?

During study on the course you can expect to experience the use of traditional teaching methods, practical work and ICT.

HOW WILL MATHEMATICS HELP ME?

Mathematics forms an integral part in the study of many other subjects at Advanced Level and beyond. The study of it is often a requirement for entry onto many degree courses, such as Mathematics, Economics, Engineering and the Sciences.

