



AS Use of Mathematics (Level 3)

WHY TAKE THIS COURSE?

You should take 'AS Use of Mathematics' if you enjoy mathematics and would like to develop skills in mathematical modelling, communication and reasoning. This course is designed to encourage students to apply mathematics to their studies, work or interests. It will support students who are studying other subjects where mathematics is useful, for example Biology, Geography, Psychology, Business Studies and Economics.

WHAT WILL I STUDY?

You will study mathematical topics in practical real-life contexts and learn skills which are readily transferable to either the real world or to your other studies. You will have the opportunity to study practical and relevant mathematics. There is one compulsory module, Algebra, and two more to be chosen from FSMQ Data Analysis, Hypothesis Testing, Dynamics, Mathematical Principles For Personal Finance and Decision Mathematics.

HOW WILL I BE ASSESSED?

Each module is assessed by a written paper with a pre-release data sheet. The exams are taken in the summer.

WHAT SKILLS AND SPECIAL QUALIFICATIONS DO I NEED?

Students will normally be expected to have at least a grade B in GCSE Mathematics. You will need to be hard working, conscientious, well organised, and willing to spend approximately four hours per week working on your Mathematics outside of lessons.

WHAT CAN I DO NEXT?

Subject to interest the course may well be offered at A2 for the following year. An AS in the Use of Mathematics will help with applications to many degrees and also with employment opportunities.

PRIESTLEY EXTRA

You will have the opportunity to apply to join a College team which will work with a local company to solve real engineering problems through the Engineering Education Scheme. You will also be able to attend Maths Inspiration Lectures and take part in National Maths competitions.