A LEVEL FURTHER MATHEMATICS

Do you want to develop a deep understanding of big ideas and know ‘why’ and not just ‘how’? Do you want a stimulating and challenging course that will develop key skills such as problem-solving, logical reasoning, communication and resilience?

Level 3 · A Level (or equivalent) · Truro College

TOP COURSE HIGHLIGHTS

STRETCH & CHALLENGE | UNDERSTAND TECHNIQUES | VERSATILE QUALIFICATION | EXCELLENT TUTOR SUPPORT

TAKE IT HIGHER

A course that is satisfying, interesting, well respected, useful, fun and full of surprises; Further Mathematics is an essential requirement for many degree level Mathematics courses.

HIGHLY VALUED BY EMPLOYERS

A qualification in Further Mathematics is highly valued by many universities and employers. Further Mathematics is also an excellent subject to complement your other studies.

VARIED CURRICULUM

You will be introduced to new areas of pure mathematics such as algebraic proof, complex numbers, matrices, further algebra, further calculus and further vectors.

WHY CHOOSE THIS COURSE?

Further Mathematics provides an excellent preparation for a wide range of university courses as well as being a versatile qualification that is well respected by employers. Further Mathematics is an essential requirement for many degree level Mathematics courses. By studying Further Mathematics you will increase your knowledge and understanding of mathematical techniques and their applications as well as enhancing your study of other subjects, in particular Physics, Chemistry, Biology, Geography, Psychology, Economics, Business Studies and PE. Further Mathematics is designed to stretch and challenge able young mathematicians by introducing you to new techniques and concepts, such as complex numbers and matrices, as well as studying material from A Level Mathematics in greater depth.

WHAT WILL I LEARN?

Further Mathematics is a two-year A Level qualification that takes up two timetable grids and will give you two A Levels – Mathematics and Further Mathematics. These must be taken alongside another two A Level subjects and will mean that you spend about half your time at college studying on your Mathematics courses. You will be taught by highly qualified specialist subject tutors in classes consisting exclusively of Further Mathematics students. You will study the same material as students taking A Level Mathematics plus additional material for A Level Further Mathematics. You will need a calculator that can handle the statistical distributions (your tutor will advise you about suitable calculators). You will be encouraged to use a graphical calculator for Further mathematics, although this is not essential. For the start of the course the calculator that you used for GCSE Mathematics is suitable.

FOR THE LATEST COURSE INFORMATION
Scan for assessment arrangements, learner support, confirmed start dates and how to apply.

WHERE WILL IT TAKE ME?

A qualification in Further Mathematics is highly valued by many universities and employers. It is also an excellent subject to complement your other studies. There are obvious links with computing, sciences, and finance-based courses but Further Mathematics can also be useful for sharpening up your thinking skills and logical reasoning.

ENTRY REQUIREMENTS

The minimum requirement is five GCSEs at good grades in appropriate subjects, including English, and at least Grade 7 in GCSE Mathematics with a GCSE points average of at least 6.5.

IMPORTANT

Course information can change. Please use the QR code below for the current assessment arrangements, entry requirements and start dates.

FOR THE LATEST COURSE INFORMATION

Scan for assessment arrangements, learner support, confirmed start dates and how to apply.