

## **MATHEMATICS A-LEVEL**

### **WHAT WILL I STUDY?**

This challenging course will encourage you to develop your mathematical skills, improve your ability to think logically and enable you to determine solutions to a wide range of problems.

You will study areas including algebra, geometry, trigonometry, logarithms and exponentials, parametric equations, calculus, mechanics and statistics. Computers and scientific calculators are used throughout the course.

### **WHAT NEXT?**

A key course for students planning to continue on to university to study subjects including mathematics, statistics, physics, engineering (mechanical, chemical and civil) and economics. It also provides a strong grounding for those wishing to pursue many other subject areas at degree level, ranging from accountancy and architecture to computing and science.

Alternatively, students may consider direct entry into employment or further training.

### **ASSESSMENT**

Exam (100%)

### **DURATION**

2 years

### **ENTRY REQUIREMENTS**

Standard entry requirements plus grade 7 in GCSE Mathematics or grade 6 in GCSE Mathematics and a grade 6 in any GCSE Science.

### **EXAM BOARD**

EDEXCEL

### **COSTS**

£60 per year for textbooks and exam materials. An advanced scientific or graphical calculator is also required.