



## A Level Applied Science (Double Award)

### **Two year course.**

This course will suit students who want to study science to a high level, but prefer coursework to exams and like to carry out lots of practical work. At the end of the Lower Sixth, students will gain one AS Level and on completion of the Upper Sixth, they will gain two A Levels. Students can combine this course with one or two additional subjects of their choice. The BTEC Level 3 Subsidiary Diploma in Forensic Science is particularly suitable and is the recommended companion subject to A Level Applied Science. In addition to this, other subject combinations may include A Levels such as Psychology, Biology, Chemistry etc (as long as you meet the entry requirements for those courses).

### **Requirements:**

The College minimum to start an advanced level course is one grade B and four grade Cs at GCSE. Students wishing to undertake this course require grades CC or above in GCSE Double Science (Core and Additional), and a grade C or above in English Language and Mathematics. The student will also be expected to meet the Average Points Score for this subject. (Bs in Science and English are recommended as this is a coursework heavy course requiring a lot of research, reading and writing, so good literacy skills are very important).

### **This subject will focus on:**

- investigating how science is applied in the workplace; and
- in-depth topics from Biology, Chemistry and Physics set in real-life contexts.

### **You can expect to:**

- develop research and investigation skills;
- complete an extensive theoretical and practical investigation in a topic of your choice;
- develop higher analytical and practical skills in science; and
- understand the application of science in specific vocational areas such as monitoring the activity of the human body in the field of medicine.

### **Method of assessment:**

- one third of the course (2 of 6 units) are assessed by examination; and
- two thirds of the course (4 of 6 units) are assessed by coursework.

### **Progression:**

The independent learning skills acquired on this course provide excellent preparation for university study and at least 70% of students progress from this course to university. Students have gone on to a wide variety of degrees including forensic science, optometry, radiotherapy, occupational therapy, teaching – primary or secondary, veterinary nursing, biological sciences, food science, nursing and physiotherapy. The course is also good preparation for employment and our students have successfully gained jobs in the fields of forensic science, the ambulance service (paramedics), the police service and in a veterinary practice. The qualification is also ideal for those wishing to work in pharmaceutical or in hospital laboratories, but it is not suitable for students applying for medicine.