

# **PHYSICS**

## **AS and A2**

Level: 3

BOARD: OCR

LENGTH OF COURSE: AS COURSE – FIRST YEAR

A2 COURSE – SECOND YEAR

### **What will I learn?**

Knowledge and understanding of the concepts which underlie modern physics; an understanding of scientific methods; the value and responsible use of physics in society; experimental and investigative skills; social, economic, environmental, ethical, medical and technological aspects of physics; how to select, organise and present relevant information; how to plan and organise your study; how to present arguments and ideas clearly and logically.

### **How will I learn?**

Through examination and investigative work; through lectures and seminars; through individual guided research and study; through continual recall and analysis of your knowledge.

### **How will I be assessed?**

**AS level** – two written examinations, normally taken in June and internally assessed coursework comprising 20% of the total mark.

### **Where might it lead?**

A pass in A level Physics in combination with other advanced subjects may well lead to a student taking a degree programme in a range of subjects.

### **What are the entry requirements?**

Level 2 threshold (5 A\* - C GCSE passes or equivalent). Students must have a minimum grade of BB in Science at GCSE.

**Further information is available from: Dr Souter**