

## Physics A Level

**Awarding body:**

OCR

**Qualification:**

A Level Physics A ( H556 )

**Method of assessment**

**Year 12 Assessment :**

	%
Breadth in Physics - 1 hour 30 minutes (70 marks) written paper	50
Depth in Physics - 1 hour 30 minutes (70 marks) written paper	50

**Method of assessment  
A Level:**

	<b>Total A level%</b>
Modelling Physics - 2 hours 15 minutes (100 marks) written paper	37
Exploring Physics - 2 hours 15 minutes (100 marks) written paper	37
Unified Physics - 1 hour 30 minutes (70 marks) written paper	26
Practical endorsement in Physics (non-exam assessment-)	

**Course entry requirement:**

It is generally recommended that applicants for this course achieve grade 7 in GCSE Physics / Science and Additional Science.  
A GCSE grade 6 or higher in GCSE Maths is also a requirement. Although helpful, it is not essential to take AS level Mathematics to be successful in Physics.

**Course description and what it will be like:**

There is a heavy emphasis on practical work and problem solving in physics lessons. Students have access to an online text book to support each module and to help with their research and homework. The Physics Department is well equipped and places considerable emphasis on practical work which is assessed as part of the Practical Endorsement grade that will be shown on the A level certificate.

**Specification and Units of Study:**

### Year 12 Units

1. Development of Practical Skills in Physics
2. Foundations of Physics
3. Forces and Motion
4. Electrons, waves and photons

### **Year 13 Units**

5. Newtonian World and Astrophysics
6. Particles and Medical Physics

### **Opportunities for Progression and Careers Prospects:**

Physics A Level supports a very wide range of future study and careers such as a career in business, marketing or the media.

Many students go on to follow university courses in architecture, astronomy, computer science, engineering, law, mathematics, medicine, radiography, sports science and veterinary science.

The majority who study Physics do so because of the versatility of its qualification as well as the challenge and the enjoyment which this subject provides.