

## Physics

Subject Leader: Mrs E O'Leary  
Exam board: Edexcel  
A Level

This is a linear two year course with 3 exams covering 12 modules and practical principles:

### **Assessment overview:**

#### **A level Paper 1 – Advanced Physics I**

90 marks 1 hour 45 minutes

Question types: multiple choice, short and long answer questions, and calculations.

Questions assessing students' use of mathematical skills will make up 40% of the exam papers.

- Working as a Physicist
- Mechanics
- Electric Circuits
- Further Mechanics
- Electric and Magnetic Fields
- Nuclear and Particle Physics

30% of A level

#### **A level Paper 2 – Advanced Physics II**

90 marks:1 hour 45 minutes

Question types: multiple choice, short and long answer questions, and calculations.

Questions assessing students' use of mathematical skills will make up 40% of the exam papers.

- Working as a Physicist
- Materials
- Waves and the Particle Nature of Light
- Thermodynamics
- Space
- Nuclear Radiation
- Gravitational Fields
- Oscillations

30% of A level

#### **A level Paper 3 – General and Practical Principles in Physics**

120 marks: 2 hours 30 minutes

- All topics across the full A level specification.
- Half of the paper will also focus on testing students' knowledge and understanding of practical skills and techniques.

40% of A level

There are 16 core practicals that cover all of the 12 techniques required for the practical competency measure.

- Knowledge of all core practicals can be tested within exam papers.
- Core practicals form part of the practical competency assessment.

Reported separately