Physics

Exam Board OCR
Qualification A-level
Entry Requirements Grade 7 in Physics, Grade 7/7 in Combined Science, Grade 6 in Maths

Content

Year 12

Module 1: Development of practical skills in physics

Module 2: Foundations in physics

Module 3: Forces and motion

Module 4: Electrons, waves and photons

Year 13

Module 5: Newtonian world and astrophysics

Module 6: Particles and medical physics

Students gain practical skills throughout the two-year course. These are assessed in the written examinations and in the practical endorsement.

Assessment

To achieve an A Level qualification, you must sit 3 written papers at the end of Year 13:

Modelling physics (01) - Assesses modules 1, 2, 3 and 5: 2 hours 15 minutes (37%)
Exploring physics (02) - Assesses modules 1, 2, 4 and 6: 2 hours 15 minutes (37%)
Unified physics (03) - Assesses all modules (1 to 6): 1 hour 30 minutes (26%)

Practical Endorsement

Practical skills are assessed internally. Students are awarded either Pass/Fail, which is recorded on their A-level certificates. This unit is **NOT** used in the accreditation of their A- level grades at the end of the respective courses.

Career Prospects

Students who gain a qualification in A Level physics tend to gain entry into Higher Education institutions to study a wide range of courses in faculties of Science, Engineering, Business, Medicine, Law, Electronics, and a variety of combined courses leading to rewarding and satisfying employment.