



PHYSICS

Level: A-Level

Exam Board: AQA - Specification: 7407/7408

Course description:

1. Measurements & their error
2. Particles & radiation
3. Waves
4. Mechanics & materials
5. Electricity
6. Further mechanics & thermal physics
7. Fields & their consequences
8. Nuclear Physics

And an optional topic from

9. Astrophysics
10. Medical physics
11. Engineering physics
12. Turning points in physics
13. Electronics

There are also 12 required practical tasks that must be fully written up by students. All of which are externally assessed by examination papers. There are three papers each 2 hours long, with 85 marks available on papers 1 and 2 and 80 marks for paper 3.

Paper 1 - Short, long & multiple choice answer questions on sections 1-5 plus 6.1 (periodic motion).

Paper 2 - Short, long & multiple choice answer questions on sections 6.2 (thermal physics), 7 & 8.

Paper 3 - Short & long answer questions

- A: Practical skills & data analysis
- B: Option

Entry requirements: GCSE Physics or GCSE Combined Science grade 6 and grade 6 in Mathematics.

Career options: Engineering, Optics, Medicine, Nursing, Physiology, Telecommunications,

Full Specification: <http://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408>

Electronics, Computing, Transport, Cosmology, Environment.