

PHYSICS

AQA A Level Physics 7408

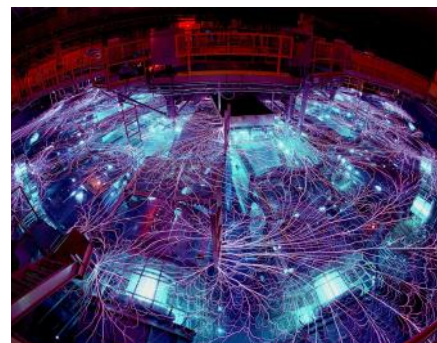
COURSE OVERVIEW

Year 12:

Measurements and their errors, particles and radiation, waves, mechanics and materials, electricity.

Year 13:

Further mechanics and thermal physics, fields and their consequences, nuclear physics, astrophysics.



HOW WILL I BE ASSESSED?

Paper 1	Paper 2	Paper 3
What's assessed Sections 1–5 and 6.1 (Periodic motion)	What's assessed Sections 6.2 (Thermal Physics), 7 and 8 Assumed knowledge from sections 1 to 6.1	What's assessed Section A: Compulsory section: Practical skills and data analysis Section B: Students enter for one of sections 9, 10, 11, 12 or 13
Assessed <ul style="list-style-type: none"> written exam: 2 hours 85 marks 34% of A-level 	Assessed <ul style="list-style-type: none"> written exam: 2 hours 85 marks 34% of A-level 	Assessed <ul style="list-style-type: none"> written exam: 2 hours 80 marks 32% of A-level
Questions 60 marks of short and long answer questions and 25 multiple choice questions on content.	Questions 60 marks of short and long answer questions and 25 multiple choice questions on content.	Questions 45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional topic.

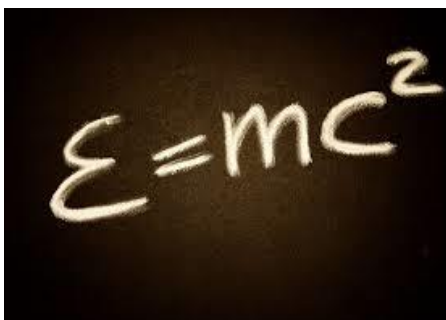
ENTRY REQUIREMENTS

Physics is a demanding subject. Whether you are taking GCSE Separate Sciences or GCSE Combined Science, a grade 7 or better is required. You will also need a 6 (preferably a 7 or better) in GCSE Mathematics.

WHY STUDY THIS SUBJECT?

It is difficult to think of a career where Physics would not be useful. Employers value A level Physics because it combines practical skills, mathematics and open-ended problem-solving. Students studying A level Physics at St Anselm's in the past have gone on to study Medicine, Mathematics, Engineering, Physiotherapy, Sports Science, Pharmacology and a whole host of other subjects at university, as well as Physics.

Physics graduates go into a wide variety of careers, ranging from ICT or financial modelling for the Stock Market to engineering or scientific research in universities or for employers like the Ministry of Defence. Some even go into teaching!



Further Information please see:

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