



Physics

Why you should follow this course

You should think seriously about studying Physics if you can say **Yes** to any of the questions below.

- Do you enjoy Physics?
- Do you enjoy problem solving?
- Do you enjoy thinking logically?
- Do you enjoy finding out about the many fundamental aspects of our universe?
- Do you need Physics to allow you to progress to further or higher studies or to enter a particular career or profession?
- Do you want to study Physics in order to provide a sound base for a range of career options?

What teaching and learning methods will be used?

There will be a combination of discussion, practical work, problem solving, note taking and practice in examination technique. Various aspects of ICT will be employed throughout the course.

How will the course be assessed?

The Advanced GCE is made up of three mandatory units at AS and three further mandatory units at A2. All units are externally assessed and include the assessment of practical skills.

Examination Board: AQA
Qualification: A & AS Level

AS COURSE CONTENT

The first year, the AS year, involves the study of the following units:

1. **Particles, Quantum Phenomena and Electricity**
2. **Mechanics, Materials and Waves**
3. **Measurements and their errors, practical skills and data analysis.**

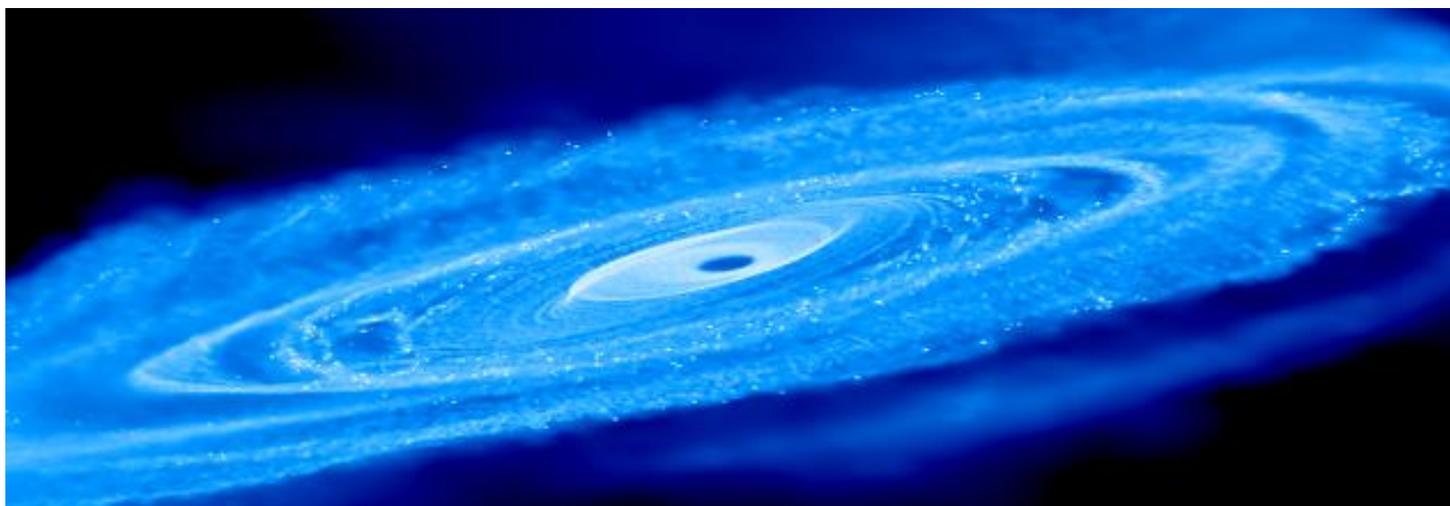
A2 COURSE CONTENT

The second year, leading to the full A Level qualification, entails the study of three further units:

4. **Fields and Further Mechanics**
5. **Nuclear Physics, Thermal Physics and an Optional Topic**
6. **Measurements and their errors, practical skills and data analysis.**

What can you do when you have your qualification?

An AS or A Level examination can lead to a wide range of opportunities in Further and Higher Education in addition to giving access to varied careers. You may wish to study Physics to a higher level or to follow a course, such as Engineering, of which Physics forms an essential component. Whatever you do, an AS or A Level qualification in Physics is evidence that you have followed a rigorous, academic course of study.



For further information or advice please contact Mr Phillips or Mr Anders.

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