

Science

Physics

Advanced Higher



Course Length	1 year
Entry Requirements	Higher (Grade A or B)
Intended Audience	S6
Number of Units	3
Assignment/Added Value Unit	YES
Course Exam	YES

Course Description

AH Physics develops your ability to think analytically, creatively and independently and to make reasoned evaluations. It gives you the opportunity to apply critical thinking to solve problems.

The course develops the skills, knowledge and understanding necessary to analyse and solve problems in familiar and unfamiliar contexts. It offers opportunities for collaborative and independent learning set within familiar and unfamiliar contexts. It also seeks to illustrate and emphasise situations where the principles of physics are used and applied, therefore promoting your awareness that physics involves interaction between theory and practise.

Expectations for Homework

You will be expected to complete regular homework assignments to support and consolidate learning and to prepare for regular key area assessments. These assignments will develop skills in application of knowledge and understanding to new scenarios, as well as skills in numeracy and investigative design.

Skills Focus



Additional Course Information

The units in the physics course are:

- Rotational Motion and Astrophysics
- Quanta and Waves
- Electromagnetism
- Investigating Physics

The course allows you an opportunity to engage in independent research through your assignment. It also gives you the opportunity to develop and apply skills of scientific inquiry. Through the practical work carried out as part of your assignment, you will be developing your ability to make critical and evaluative comments.