

# PHYSICS

AWARDING BODY OCR



## Course Specification link:

<http://www.ocr.org.uk/qualifications/as-a-level-gce-physics-a-h156-h556-from-2015/>

## Brief outline of course

A Level Physics A (H556)

Physics is a subject that asks the fundamental questions about how the world works and how matter and forces interact in all situations.

Within modules you will study a wide range of physics concepts that build directly on your physics topics studied in your GCSE Combined Science or GCSE Physics course. Each module is divided into topics, each covering different key concepts of physics. These include:

- Forces and Motion
- Electrons, Waves and Photons
- Newtonian World and Astrophysics
- Particles and Medical Physics

Throughout the course you will develop a range of practical skills which are integrated within the topics and are assessed through written examinations. The internally assessed Practical Endorsement skills form part of the full A Level Physics course. You will complete a minimum of 12 assessed experiments covering technical skills together with the use of apparatus and practical techniques. You will also gain an awareness of the environmental, technological, ethical and economic aspects of physics.

## Are you interested in:

- Strategic thinking
- Solving problems
- Science
- Underlying patterns in the physical world
- Using maths and core concepts to explain complex ideas

## Leading to a career in:

- Engineering
- Medicine
- Computing
- Physics
- Financial Services
- Law

## Subject Entry Criteria

GCSE Science Grades 6/6 or above and GCSE Maths Grade 6

## Teachers to contact:

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