

CONTENT OVERVIEW

PHYSICS B - AS (H157) / A LEVEL (H557)

Module 1 – Development of practical skills
Module 2 – Fundamental data analysis
<ul style="list-style-type: none"> • Fundamental, experimental and analytical skills.
Module 3 – Physics in action
<ul style="list-style-type: none"> • Imaging and signalling • Sensing • Mechanical properties of materials.
Module 4 – Understanding processes
<ul style="list-style-type: none"> • Waves and quantum behaviour • Space, time and motion.
Module 5 – Rise and fall of the clockwork universe (A level only)
<ul style="list-style-type: none"> • Creating models • Out into space • Our place in the universe • Matter: very simple • Matter: hot or cold.
Module 6 – Field and particle physics (A level only)
<ul style="list-style-type: none"> • Electromagnetism • Charge and field • Probing deep into matter • Ionising radiation and risk.

