

# Science (Applied)

## Exam Board: AQA

### ENTRY REQUIREMENTS

Candidates are expected to have achieved five GCSEs Grade C or above, including Science.

### COURSE STRUCTURE AND CONTENT

The advanced GCE Level Applied Science qualification has been designed to provide a broad education as a foundation both for training leading to employment, and for further and higher education. This is achieved by ensuring that candidates develop the general skills, knowledge and understanding that underpin a wide range of occupations or professions, and by offering the opportunity to study a number of Key Skills including Application of Number, Communication and Information Technology.

### YOU WILL STUDY

#### AS Level

- Unit 1:* Investigating Science at work
- Unit 2:* Energy Transfer Systems
- Unit 3:* Finding out about substances

#### A2 Level

- Unit 7:* Planning and Carrying Out a Scientific Investigation
- Unit 8:* Medical Physics
- Unit 16:* Ecology, Conservation and Recycling

## YOU WILL BE ASSESSED IN THE FOLLOWING WAYS

### AS Level

<i>Unit 1:</i> Investigating Science at work	internally assessed — 33.3%
<i>Unit 2:</i> Energy Transfer Systems	externally assessed — 33.3%
<i>Unit 3:</i> Finding out about substances	internally assessed — 33.3%

### A2 Level

<i>Unit 7:</i> Planning and Carrying Out a Scientific Investigation	internally assessed — 33.3%
<i>Unit 8:</i> Medical Physics	externally assessed — 33.3%
<i>Unit 16:</i> Ecology, Conservation and Recycling	internally assessed — 33.3%

## SKILLS DEVELOPED

Through this A Level pupils will also be given an opportunity to develop Key Skills in the following areas:—

- Communication
- Application in number
- Information Technology
- Working with others
- Improving own learning and performance
- Problem solving

## CAREER PROGRESSION

At Hazelwood College Advanced VCE has been designed to enable students to gain an understanding of the key scientific pathways and the application of these principles. The qualification provides students with essential skills, knowledge and understanding of the sector and develops career opportunities in the sector as well as enabling entry to university.