

GCSE ENGINEERING SINGLE AWARD

EXAMING BOARD: CCEA

Course Content:

Engineering actively engages pupils in the engineering process, it develops them as effective independent learners, it applies their knowledge and understanding of engineering through evaluation and problem solving skills and it raises achievement amongst a wider range of learners due to its high practical and kinaesthetic content.

You will study:

- Engineering Design and Graphical Communication
- Engineering Production
- Engineering Technology

You will be assessed in the following way:

Coursework	60%
Portfolio showing analysis of a client brief, development of a specification for the particular product and generation of ideas and solutions (25 hours controlled assessment)	30%
Manufacture an engineered product using production processes, tools, equipment, CAD and quality control checks (25 hours controlled assessment)	30%

Examination **40%**

Two 1 hour papers

- *Paper 1:* Technology, ICT, Tools, Components, Automation, Products, Equipment
- *Paper 2:* Pupils research into a specified product.

Future Prospects

GCSE Engineering provides an excellent starting point for further study and a wide range of careers. A good result in this course would make students eligible for AS and A Level Technology and Design here at Hazelwood College. Other options for students completing this course would be employment in a wide range of careers such as Mechanical Engineer, Civil Engineer, Aeronautical Engineer and many more.