



Key Stage 4 Core Curriculum and Option Subjects

Engineering

All students will follow the Edexcel BTEC Level Two First Award in Engineering. They will begin the course in Year 9 and will have completed the first two units by the end of the year.

The course is designed to provide level 2 learners with:

- an understanding of how the engineering industry operates
- an understanding of health and safety in the industry
- an understanding of engineering maintenance

Edexcel Level 2

This course is equivalent to one GCSE qualification where students learn how engineering is applied in the modern world, and understand the materials used in manufacturing processes of engineering products. They will gain an understanding of safe working practices in the workplace, alongside understanding how to maintain engineering systems safely and effectively.

Course Content

Unit 1: The Engineered World

Unit 2: Investigating an Engineering Product

Unit 3: Health and Safety in Engineering

Unit 4: Engineering Maintenance

Assessment

Unit 1 is Externally Assessed through an examination. All other units are assessed via coursework. There is opportunity for the students' work to be accredited as soon as it is completed.

Progression

This course offers progression to Level Three BTEC qualifications, apprenticeship placements and university courses in engineering.

