

# Engineering Level 3 BTEC

## Why should I study this subject?

This subject is ideal if you would like to study a vocational subject in addition to other BTECs and A-level qualifications such as Science, Maths or IT and have an interest in either employment or further study in the engineering sector, perhaps in a higher apprenticeship at 18 or progressing onto a degree in a technical or scientific subject.

BTEC Engineering offers a great foundation for entry into mechanical, electrical or marine engineering careers from technician level and a good starting point for higher education qualifications in this field. If you know you would like to enter a technical career but unsure which field to go into, this subject would also give a good foundation to help inform your choices for post 18.

## What will I study?

This is a course which focuses on the foundation knowledge and skills to progress into engineering careers and progression to further study in the field.

**Unit 1:** Engineering Principles - Maths and Science

**Unit 2:** Delivery of Engineering Processes as a Team

**Unit 3:** Engineering Product Design and Manufacture

**Unit 4:** Fabrication Manufacturing Processes

## What can Engineering do for me?

This subject is a good foundation for progression onto further specialised training or higher education in engineering related subjects. Many of our students have gone on to study degree courses in Engineering at university.

It is also a great entry level qualification for any practical job, trade, higher apprenticeships, or further engineering and construction courses such as NVQs, City and Guilds.

## How will I be assessed?

Assessment will be through coursework assignments for two units in addition to one exam and one externally marked non exam assessment (timed task).

## Exam Board

**Edexcel:** Pearson Level 3 BTEC National Extended Certificate in Engineering Equivalent in size to 1 A-Level taught over two years.

## Entry Requirements

- GCSE grades 5 in Maths and Science a minimum

It is a level 3 technical qualification so there is a high degree of technical, written, science and maths content mixed with some practical assignments and tasks.

*For further information contact Mr Neilens*

