

# Engineering

## Engineering EAL Certificate Level 1 Full-Time

### In Brief

#### Start Date / Duration

This course will start in September 2024. The course will run for 1 academic year.

#### Entry Requirements

You must be 16 to 18 years of age (or 19 to 25 with an Education, Health and Care plan).

You must hold GCSE English and Maths. One of these qualifications must be a minimum Grade 1 and the other must be a minimum Grade 2.

#### You will achieve

EAL Level 1 Certificate in Engineering Technologies.

### Course Overview

This qualification has been specifically designed to offer progression into the EAL Level 2 Certificate and Level 2 Diploma in Engineering Technologies. It gives learners a broad introduction to the practices and processes of engineering technology. It covers basic knowledge, understanding and skills that are relevant to a wide variety of careers and study routes and takes a hands-on approach to basic engineering training by providing learners with:

- Experience and understanding of a range of potential careers in the engineering sector
- Information that will help them make more informed decisions about their post-16 options
- Personal skills to help them work effectively and achieve their potential
- Transferable skills and skills that are not widely advanced through the traditional academic curriculum, which are applicable to a wide variety of contexts and learning objectives.

### Course Content

To successfully achieve this qualification, student with need to complete the following units.

- Unit 1 Introduction to Working in Engineering
- Unit 2 Introduction to Machining Engineering Materials

- Unit 6 Introduction to Electrical Installation
- Unit 9 Introduction to Motorcycle Maintenance
- Unit 13 Introduction to Basic Maths and Science used in Engineering

## How will I be assessed?

Assessment methods within this qualification include Centre marked practical and theory assessments for all units.

Assessment methods have been designed to assess the knowledge, understanding and skills of learners for each unit.

## What Equipment Will I Need?

To be confirmed on enrolment.

Health and Safety equipment will need to be worn in workshops.

## Where will I study?

Science, Technology, Engineering and Maths (STEM) Centre  
Old Mill Lane  
Barnsley  
S70 2LA

## What can I do next?

Successful achievement of this qualification will enable students to progress to the next level in the subject sectors of engineering, motor vehicle or electrical installation.

## How much does the course cost?

### 16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

## Extra information

### Join Honeywell Sports Village

We have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates.

## Want to join Barnsley Sports Academy and Honeywell Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/barnsley-sports-academy/>] .

## **Additional Learning Support**

Our Additional Learning Support team can provide you with the support you need. Call 01226 216 769 for further information.

## **English and Maths**

Having good English and Maths qualifications are important for most careers and we want to give you the help you need to succeed.

If you are aged 16 – 19 and don't hold a grade C/4 or above in GCSE English and Maths, you will automatically be included in your study programme. If you want to work towards achieving a higher grade in English and Maths, we can help you do that too and we offer Level 3 Mathematical Studies (Core Maths) which can be added to your study programme.

If you're aged 19 or above and don't hold a a grade C/4 or above in GCSE English and Maths we can help. We offer FREE English and Maths qualifications that can be studied on a part-time basis, subject to eligibility.

If you need any further information, please contact our Information Team by calling 01226 216 123 or emailing [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [<mailto:info@barnsley.ac.uk>]

## **Disclaimer**

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

**Last updated:** 25th September 2024

### **Want to apply?**

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**