Course Information

CITY OF WOLVERHAMPTON COLLEGE

Engineering Pearson Level 2 BTEC Extended Certificate

Study Mode: Full Time

Is this course right for me?

If you want a career in engineering this course will give you an in-depth knowledge of the industry and enable you to learn skills in a work-related environment.

The BTEC Level 2 pre-apprenticeship programme will develop your understanding of the theory behind engineering principles, engineering technology and technical information and you will learn through a combination of practical and classroom-based sessions.

Completion of the course will enable you to get an entry-level job in the industry as a metal fabricator or welder, pursue an engineering apprenticeship or progress to the BTEC Level 3 Diploma in Mechanical Engineering.

This is a one year full-time course and, as part of the qualification, you will be required to undertake 30 hours work experience.

***** Advanced Technology and Automotive Centre now open!*****

You will train at the new purpose-built £8.1 million purpose-built **Advanced Technology and Automotive Centre** at the Wellington Road campus, in Bilston, which boasts a 12-bay automotive workshop, a drive-in electric vehicle lab containing simulated training boards, a four-wheel laser alignment machine, and ADAS and Bosch diagnostic equipment.

Entry Requirements

For external applicants:
To access this course, you are required to:

- Four or more GCSESs at Grade 4 or above including maths and/or English, and preferably science. For those with a grade 3 in the remaining English or maths, you will be expected to study this alongside your vocational qualification.
- Attend an interview with an admissions tutor and complete an online assessment based on engineering principles.
- Demonstrate how you have previously had good attendance and punctuality and a good attitude to learning

For internal progression learners (already studying with us):
Learners must be able to demonstrate that they:

- Have successfully completed a relevant course that naturally progresses onto this programme, achieving a good standard
- Have improved their English and maths grades since enrolment
- Have maintained good attendance and punctuality
- Show a consistently positive attitude to learning

What will I learn?

During the course you will study the following mandatory units:

- The engineered world
- Investigating an engineered product
- Interpreting and using engineering information
- Mathematics for engineering

You will also have the choice of a range of optional units including:

- Machining techniques
- Welding
- Computer-aided engineering
- Operating an efficient workplace
- Electrical and electronic principles
- Welding technology
- Secondary machining techniques
- Engineering materials

You will also study for GCSE English and maths if you do not already have the required level of qualification.

What skills will I gain?

By studying this course you will:

- Gain further knowledge and understanding of basic metal working techniques
- Develop your skills in metal fabrication and joining techniques
- Understand the importance of health and safety in the workplace
- Develop your English and maths skills based around engineering principles

How will I be assessed?

The qualification is achieved through a series of criterion-based project assignments or external exams, which allow you to develop the knowledge and skills required by industry and prepare you for Level 3 qualifications.

You will work towards achieving an overall grade for the qualification – pass/merit/distinction – along with individual grades for each unit taken.

What can I do next?

Successful completion of the course will enable you to:

- Get an entry-level job in the industry such as a sheet metal fabricator or welder
- Progress to the BTEC Level 3 Diploma in Mechanical Engineering
- Gain an engineering apprenticeship

Delivery

Location: Wellington Road Campus

Start Date: 07/09/2026

Day:

Time:

Course Fee:

Course Code: CP0077

Study Mode: Full Time

Apply online: **www.wolvcoll.ac.uk/apply**