Course Information

CITY OF WOLVERHAMPTON COLLEGE

Engineering Pearson BTEC Level 2 Extended Certificate

Study Mode: Full Time Programme Component | Course Level: 2

Is this course right for me?

If you want a career in engineering this course will give you an indepth 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.

*** Coming soon! ***

Advanced Technology and Automotive Centre at the Wellington Road campus, opening in September 2024.

The brand new, purpose-built centre will be equipped with the latest engineering equipment including robots, 3D printers, lathes and millers.

All engineering courses, which currently run at the Paget Road campus, will be based at the Wellington Road campus from September 2024.

Keep up-to-date with the progress of the construction and fit-out of the centre here

Entry Requirements

To access this course you are required to have:

- Four or more GCSESs at Grade 3/4 or above including maths and English, and preferably science

As part of the admissions process you will be required to attend an interview with an admissions tutor and complete an online assessment based on engineering principles.

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: 02/09/2024
Day:
Time:

Course Fee:
Course Code: CP0077
Study Mode: Full Time Programme Component

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