

Engineering Pearson Level 3 BTEC Extended Diploma

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.

You will develop your understanding of the theory behind engineering principles, engineering technology and technical information and learn through a combination of practical and classroom-based sessions.

This is a two year full-time course - the equivalent of 3 A levels - and, as part of the qualification, you will be required to undertake a work experience placement in a relevant industry setting.

***** 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:

- Five or more GCSEs at Grade 4 or above including maths and English, and preferably science
- 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 units:

- Engineering principles
- Engineering design
- Working effectively as a team
- Commercial and quality principles
- Calculus
- Microcontrollers

You will also have the opportunity to study a range of optional units including:

- Machining techniques
- Computer aided design
- Analogue electrical circuits
- Project
- Maintenance of mechanical systems
- Welding
- Fabrication
- Electro-electronic circuits

What skills will I gain?

By studying this course you will:

- Gain a an understanding of industry level skills
- Understand the importance of health and safety in the workplace
- Develop your maths skills, based around engineering principles

How will I be assessed?

Throughout the course you will be assessed in the following ways:

- Practical observation
- Assignment
- Externally-marked assessments

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?

Completion of the course will enable you to:

- Pursue an engineering apprenticeship
- Progress to the BTEC Level 3 extended diploma in mechanical engineering
- Apply for a job in the engineering industry

Delivery

Location: Wellington Road Campus

Start Date: 07/09/2026

Day:

Time:

Course Fee:

Course Code: CP0010

Study Mode: Full Time



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

