

Engineering and Manufacturing T Level - CNC Lathes and Milling Machinery

Study Mode: Full Time

Is this course right for me?

If you want to work in the engineering industry with a special interest in manufacturing, processing and control, this new T Level qualification is the ideal way to kick off your future career.

T Levels are the equivalent of three A levels and re designed in conjunction with employers so you can be sure that you will be learning the skills that the industry needs which will set you ahead of the competition when you're applying for jobs in the sector in the future.

In the first year of the course you will cover a range of core modules designed to give you a broad range of knowledge and skills in the engineering industry.

In the second year you will focus on occupational specialisms to enable you to develop specific skills in engineering processes and procedures, as well as plan, perform and evaluate your work while using a range of materials, methods and techniques.

This course will specialise in CNC Lathes and Milling Machinery. Alternatively, you can specialise in Fabrication and Welding - [click this course here to find out more and apply to this specialism](#)

As part of the course you will also complete an industry work experience placement of at least 45 days. This will give you a taste of what working in the industry is like, as well as the opportunity to work alongside experienced colleagues and put the skills you have learnt on your course into practice in the workplace - all of which will look great on your CV and impress employers when you are applying for jobs in the future.

***** 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 GCSEs at Grade 4 or above, including Maths, English and Science
- A good attitude to learning and commitment to a two-year course.
- 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?

In the first year of the course you will study a range of core modules and in the second year will focus on occupational specialisms.

In the second year you will focus on an occupational specialism. This course will specialise in CNC Lathes and Milling Machinery. [Alternatively, click here to specialise in Fabrication and Welding](#)

As part of your occupational specialism you will:

- Identify and follow processes and procedures
- Interpret technical drawings
- Plan work
- Learn about health and safety

What skills will I gain?

By studying this course, you will:

- Gain industry-standard skills
- Gain an in-depth understanding of the engineering industry
- 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 assessment in each module
- Observations
- Employer-set project
- Two externally-set exams

What can I do next?

Successful completion of the course will enable you to progress to:

- Higher technical qualification (ie HNC or HND)
- Degree apprenticeship
- Undergraduate degree in a relevant subject
- Employment in the industry

Delivery

Location: Wellington Road Campus

Start Date: 07/09/2026

Day:

Time:

Course Fee:

Course Code: CP4018

Study Mode: Full Time



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

