

# Engineering Level 1

This course is designed for ages 16-19 and 19+ adults.

Our NVQ Certificate in Performing Engineering Operations course is designed to provide you with the knowledge and skills to access the Engineering Industry. Once you have completed your hands-on training, you will be industry ready.

Throughout the course you will be trained and assessed to achieve an EAL qualification. You will also receive training which reflects the reality of the industry and will provide you with a comprehensive understanding of the skills and knowledge required to progress your career.

The course is scheduled over 3 days per week and will be a mixture of theory and practical across the 2 years.

**19+ adults course fee:** £362. You may be eligible to study this course for free or access [financial support](#).

## Progression opportunities

This course will lead to:

- Engineering, Level 2 at Waltham Forest College

## Entry Requirements

The entry requirements for this course are:

- 4 GCSEs at Grade 4 (C) or above including English and maths.
- If required, you will have the opportunity to study GCSE maths and/or English alongside your course so you can progress onto the next level.

## What will I study?

This course consists of the following modules:

- Working safely in an engineering environment
- Carry out engineering activities efficiently and effectively
- Using and communicating technical information
- Carry out routine servicing of mechanical equipment

### Disclaimer:

Every effort has been made to ensure the details contained in this leaflet are up-to-date and accurate at the time of printing. However, the College reserves the right to alter or cancel courses, their content, entry requirements, fees or other details should circumstances dictate.

- Carry out routine servicing of electrical and electronic equipment
- Maintaining and using mechanical devices and equipment such as lathes and mills
- Maintaining electrical equipment/systems
- General maintenance
- Engineering applications
- Design using Computer Aided Design (CAD) software
- Engineering principles
- Engineering product design and manufacture
- CAD in Engineering
- Additive manufacturing processes

## How will I be assessed?

You will be assessed using a mix of theory and practical assessments which will be carried out to industry standards.

The assessment methods will be a mix of the below:

- Practical assessments
- Theory based assessments
- Online exams

All assessments will give you an opportunity to pass at one of the following three standards:

- Pass
- Merit
- Distinction

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