

I LOVE ENGINEERING

"A good career path for the future and learning something new every day. Lots of interesting products are made by engineering."
Connor Colls



Level 2 City & Guilds 2330 Certificate in Electro-Technical Technology – Installation in Buildings and Structures

1 year full-time

This programme is suitable for people who wish to acquire electrical installation knowledge and practical skills, prior to moving to a career in electrical installation, or who wish to develop their present careers.

Using both the main campus and our Masons Road workshops, students will benefit from the support of tutors with an occupational background in a well-equipped centre. Additional individual support is also available.

To Join the Course:

- Good hand-eye co-ordination and the ability to demonstrate an interest in the subject
- A good level of Mathematics and English is also an advantage

Students will normally be expected to purchase specialist safety clothing costing approximately £50.

Mature students without formal qualifications who show commitment to the subject area may join the course following a successful interview.

Assessment:

Completion is by a series of online tests and some practical assignments.

Further Opportunities:

This course is the first element of an advanced apprenticeship. The natural progression is to join the apprenticeship programme.



Level 2 EAL Performing Engineering Operations

1 year full-time

This course is designed for someone looking to acquire practical hands-on skills. The course is based in our engineering workshop at Masons Road and is for those considering employment in an engineering environment.

Assessment:

Completion is achieved by a series of practical assignments supplemented by some written coursework.

To Join the Course:

- Good hand-eye co-ordination and an interest in mechanical engineering
- Students will usually be expected to purchase safety clothing costing approximately £50.

Further Opportunities:

This course forms one element of a mechanical engineering apprenticeship. The natural progression for this course is on to the apprenticeship programme.

Level 2 IMI Motor Vehicle Maintenance and Repair

1 year full-time

Based at our Masons Road workshops, this course is aimed at those looking to gain basic skills in motor vehicle repair with a view to working in that environment.

Assessment:

Ongoing practical phase tests with online exams.

To Join the Course:

Demonstrate an interest in motor vehicle maintenance and successfully complete a mechanical comprehension assessment.

Further Opportunities:

Level 3 course or employment within motor vehicle repair.



BTEC Level 3 Extended Diploma in Engineering

2 years full-time, equivalent to 3 A Levels

The BTEC Level 3 Extended Diploma in Engineering is a course designed for students considering a career in any branch of engineering. Some students who study this course may be looking to progress to university, possibly to study engineering or a related discipline; others may be aiming to follow a career as an Engineering Technician.

The course provides a vocational alternative to A Levels and will appeal to international and UK students looking for a course of study with an emphasis on the more practical aspects of the subject. You will study a total of eighteen units during the two years of the course and these will be assessed by coursework assignments and possibly occasional short tests, rather than examinations.

In the first year you will cover a broad range of engineering topics to give a basis for specialisation in year two. The units will run concurrently with the BTEC Level 3 Extended Diploma in Electrical/Electronic Engineering.

In the second year you will study more specialised units depending on the chosen engineering subject. A project worth two units will be undertaken and will be expected to reflect the student's own areas of interest.

Assessment:

Assessment tasks may include the production of portfolios, presentations, practical projects and staff observations. There will be a strong emphasis on the use of ICT as a learning tool.

Your course will also include tutorial support, enrichment visits as appropriate and the opportunity to re-sit GCSE English if needed.

To Join the Course:

You will need at least one of the following:

- 4 GCSEs at grade C or above including Mathematics
- BTEC Level 2 Diploma in Engineering or related subject with overall merit profile
- Other qualifications of equivalent standard

Mature students without formal qualifications who show commitment to the subject area may join the course following a successful interview.



BTEC Level 3 Extended Diploma in Electrical/Electronic Engineering

2 years full-time, equivalent to 3 A Levels

The field of Electrical and Electronic Engineering is changing and expanding constantly. There is a constant demand for well qualified personnel to fill the many varied job roles available both in Britain and throughout the world.

This course is designed principally for students considering a career in electrical engineering or electronics or related disciplines such as computing or telecommunications. It is likely to appeal to students looking for a vocational course of study that is assessed by assignment work.

This course will be suitable for students wishing to progress to university to study at higher national diploma or degree level, or directly to a career as an Engineering Technician. The emphasis in lessons is on learning through both practical and written exercises and ICT will frequently be used as a learning tool.

In the first year you will cover a broad range of Engineering topics needed to provide an understanding of all subjects relating to Electrical/Electronic Engineering. The units will run concurrently with the BTEC Level 3 Extended Diploma in Engineering.

In the second year you will study more specialised units depending on the chosen engineering subject. A project worth two units will be undertaken and will be expected to reflect the student's own areas of interest.

Assessment:

Assessment tasks may include the production of portfolios, presentations, practical projects and staff observations. There will be a strong emphasis on the use of ICT as a learning tool. An individual project relating to one or more areas covered in the course will be completed in year two. Your course will also include tutorial support, Functional Skills ICT and the opportunity to re-sit GCSE English if needed.

To Join the Course:

You will need at least one of the following:

- 4 GCSEs at grade C or above including Mathematics
- BTEC Level 2 Diploma in Engineering or related subject with overall merit profile
- Other qualifications of equivalent standard

Mature students without formal qualifications who show commitment to the subject area may join the course following a successful interview.



LEARN
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