

Level 2 Diploma in Engineering Operations (Mechanical Pathway)

Ofsted Outstanding Provider

Course Level: Level 2 | **Campus: Newcastle** | **Subject Type: Construction & Engineering**

Course Overview:

Advance your engineering skills with our Level 2 Diploma in Engineering Operations. Dive deeper into mechanical engineering principles. Gain hands-on experience in applying engineering concepts to real-world projects. This comprehensive program equips you with the skills and knowledge needed for a successful career in engineering. Whether you aspire to work in manufacturing, maintenance, welding or technology, this diploma provides the foundation for excellence in Practical Engineering.

What's Covered:

The course consists of 7 units. You will gain practical skills in hand-fitting, welding, turning and milling and an excellent knowledge of theory to support these practical skills. Alongside your course, you will study English if not already achieved at grade 4. You will also need to complete 3 days mandatory work experience.

As part of the course, you will visit engineering companies to find out more about real-life Engineering in a range of settings.

Entry Requirements:

As a condition of being offered a place on this course, you would be expected to meet the following entry requirements:

- Submit a school report showing your attendance, behaviour and effort details
- You will need to achieve/have achieved GCSEs at grade 4 or above in Maths and a grade 3 or above in English Language.

Assessment Information:

You will complete a range of practical projects and will be assessed and monitored throughout the year on these. You will also compile a portfolio of all of this work to show what you have learned. You will complete tests and assignments in English as required.

Fees and Financial Support:

This course is free for anyone aged 16 – 18.

College Maintenance Allowance (CMA):

Anyone with a gross household income under £35,000 can receive financial support to cover college related costs such as transport, meals, course equipment and uniform. Bursary support is based on individual circumstances and will be allocated to best suit your individual needs. A range of other financial support is available depending on your personal circumstances. For more details visit nscg.ac.uk/finance

Progression:

After completing the course you will be well prepared to progress into employment with a local company as an engineering apprentice (you will need a placement within an Engineering company to become an apprentice). You will spend most of the working week developing your skills at your place of work and the rest of the week at College, furthering your technical knowledge and practical skills. You could also progress onto other full time Engineering courses

100%

Pass Rate

Progress to

an Apprenticeship

to suit your strengths and needs.

What else do I need to know?

Attendance to our departmental Experience Day in June 2027 will be an entry requirement onto any course within the Construction and Engineering department.

How do I find out more?

If you wish to find out more you can contact Nathan Roberts, Curriculum Leader, by emailing nathan.roberts@nscg.ac.uk