

Level 2 Diploma in Engineering Operations

Ofsted Outstanding Provider

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

Course Overview:

Advance your engineering skills with our Level 2 Diploma in Engineering Operations. Dive deeper into mechanical, electrical and structural 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, construction, or technology, this diploma provides the foundation for excellence in practical engineering.

What's Covered:

If you enjoy understanding how things work, problem solving and making things, this course can develop your skills and put you in a better position to work in the exciting field of engineering.

You'll be studying in our engineering workshops and classrooms, where you'll have access to state-of-the-art equipment and taught the technical and practical aspects of engineering by our team of experienced and qualified tutors. You'll learn how to use machine tools, measuring and inspection equipment and get to grips with techniques such as fabrication, welding and materials processing.

The programme of study includes:

- Engineering operations,
- Enterprise ideas and problem solving
- Work to occupation standards of health and safety.
- Learn how to use machine tools and hand tools to produce components to meet industry standards.
- Use measuring and inspection equipment to check for accuracy of components.
- Develop engineering communication skills.
- Introduction to apprenticeships and routes to employment.

You will study three days a week including compulsory work experience to give you the employability skills to go and work in the engineering operations industry.

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
- Attend the Department Experience Day in June 2027
- Complete a summer assignment which will be set on Experience Day in June 2027
- 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.

Fees and Financial Support:

Excellent

pass rate

Expert Teaching

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:

You can move up to our T-Level in Engineering course or a related course. Alternatively, you may wish to seek an advanced level apprenticeship or full time employment in the engineering operations industry as a civil engineering technician, quality control engineer or process engineer.

How do I find out more?

If you wish to find out more you can call the Admin Office on 01785 275535 or email GE2admin@nscg.ac.uk.