Engineering

T Level: Engineering

Campus: North Notts College - Worksop Campus
Code: W06TP10
Level: 3

About This Course

GEAR UP FOR YOUR FUTURE IN OUR HANDS-ON, STATE-OF-THE-ART WORKSHOPS

Engineering has always been at the heart of British industry â?? now itâ??s your turn to influence the next step of British engineering. Choose from a range of engineering and motor vehicle courses, all taught by our industry-experienced staff in our purpose-built facilities, and spark your future into gear.

Our Engineering courses are taught in our high-spec workshops packed with modern equipment which reflect the tools and resources used in industry. Youâ??ll learn from our industry-experienced teachers who bring a wealth of knowledge and enthusiasm to their teaching.

Each area of engineering is unique and our courses will develop your practical skills as well as your theoretical understanding of Engineering, to allow you to specialise in your chosen area.

What Will I Study?

Diploma in Engineering (L2)

- Complying with Health and safety
- Working effectively and efficiently
- Communication technical information
- Four or more optional units (these can be selected to meet the studentâ??s needs)
- Producing hand fitting component
- Preparing and using lathes
- Preparing and using milling machines

- Preparing and using semi-automatic MIG, MAG and flux cored arc welding equipment
- Producing CAD Models (Drawings) using a CAD System
- Producing Platework Components and Assemblies
- Cutting and shaping materials using thermal cutting equipment

National Diploma in Engineering (L3)

- Engineering principles and mathematics
- Apply mathematical and physical science principles
- Develop two-dimensional (2D) detailed drawings and three-dimensional (3D) models using a computer-aided design (CAD) system
- Investigate the operation of common electronic test and measurement devices
- Learn about the design and manufacture of electronic printed circuit boards
- Gain an understanding of commercial engineering, for example key business activities, cost control, quality systems and value management, which is used by engineering organisations to create value
- Measure and test analogue and digital circuits to diagnose faults
- Solve electrical-, electronic- and mechanical-based engineering problems
- Health and safety, team work and interpreting and creating computer-aided engineering drawings
- Design and manufacture of products
- Commercial principles and understanding and application of quality systems

Why Study Here?

- Work in a modern motor vehicle facility with industry-standard equipment
- Learn from industry-experienced tutors
- Visit motor vehicle industry events
- Gain work experience in local garages
- Hear from guest speakers from the motor vehicle industry
- Opportunity to gain experience with hybrid and electric vehicles

How To Apply

You can apply using our online application form and clicking the **Apply** button at the top of this page.

For more information support with your enquiry or application please contact Student Services by emailing contact@nnc.ac.uk or by calling **01909 504500**.

Tuition Fees

Those aged 19 or over may not need to pay fees depending on their circumstances. Find out if you qualify for help with your fees [https://www.nnc.ac.uk/information/student-support/finance/course-fees/] . If you need further advice or guidance please contact the Enquiries Team on **01909 504500.**

Additional Information

All Personal Protective Equipment will be provided; however, students must purchase scientific calculators independently.

PLEASE NOTE

We make every effort to ensure information within our online course directory is accurate and a true representation of the courses we are offering in 2025-26. However, we do reserve the right to make changes if necessary.

Last updated: 29th July 2025