Engineering

Engineering Operations (Mechanical)

Campus: Rotherham College
Code: R06SP03
Level: 2

About This Course

Mechanical Engineers develop and design components and machinery used in many industries such as manufacturing, construction, water, power, health and transport. They also manage teams of technicians and craftspeople who carry out installation and maintenance work. If you are technically minded, good at Maths and Science, and like solving problems, a professional career in engineering could be a great move for you.

What Will I Study?

You will study a range of topics including:

- Health and Safety
- Working Efficiently and Effectively in an Engineering Environment
- Conducting Business Improvement Activities
- Using and Communicating Technical Information
- Milling and Turning
- Hand Fitting
- Mandatory Work Placement
- CAD
- Employability Skills
- Progress Tutorial Sessions

Why Study Here?

- Learn from industry-experienced and well qualified tutors who have spent many years in the engineering sector, and have specialist qualifications and knowledge to bring to their teaching

- Participate in regular work placements to boost your skills
- Enhance and develop your employability skills
- Hear from a range of guest speakers from employers on the role of an Engineering
- Participate in regular enrichment activities to improve your knowledge skills and behaviours within the Engineering environment

Entry Requirements

GCSEs at grade 4 or above including English and Maths.

How To Apply

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

For more information support with your enquiry or application please contact Student Services by emailing info@rotherham.ac.uk or by calling **01709 362111**.

What Courses Can I Progress Onto?

- Level 3 Engineering Technician Apprenticeship
- BTEC Level 3 in Advanced Manufacturing Engineering

Tuition Fees

- 16-18 year olds do not need to pay course 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.rotherham.ac.uk/course-fees/] .

If you need further advice or guidance please contact the Enquiries Team on **01709 362111.**

Additional Information

Whilst you are carrying out work within our Practical Workshops, you will require safety footwear and coveralls

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 2027 – 28. However, we do reserve the right to make changes if necessary.

Last updated: 22nd November 2026