Engineering

Engineering (Fab & Weld)

Campus: Rotherham College
Code: R06SP02
Level: 2

About This Course

This course will build your competence in welding, you will also gain a relevant qualification that will improve your skills and career opportunities. You will need to be good at solving problems, structuring your workload and enjoy working as part of a team.

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
- Engineering Environmental Awareness
- Using and Communicating Technical Information
- TIG Welding
- MIG Welding
- Manual Metal Arc
- Plate Work
- Thermal Cutting
- Heat Treatment
- CNC Plasma Cutting
- CAD
- Carrying Out Heat Treatment of Engineering Materials
- Preparing and Using Manual Metal Arc Welding Equipment
- Producing Platework Components and Assemblies
- Cutting and Shaping Materials Using Thermal Cutting Equipment
- Employability Skills
- 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
- Develop and enhance your employability skills
- Hear from a range of guest speakers from employers on the role of Fabricator Welder
- Participate in regular enrichment activities to improve your knowledge skills and behaviours within the Engineering environment

Entry Requirements

GCSEs at grade 4 or above English and Maths

How To Apply

You can apply using our online application form and clicking the **Apply Now** 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 Fabricator Apprenticeship
- BTEC Level 3 Extended Diploma 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 2026-27. However, we do reserve the right to make changes if necessary.

Last updated: 2nd November 2026