

Engineering

Advanced Manufacturing Engineering

Campus: Rotherham College

Code: RFEEG005*

Level: 3

About This Course

This qualification is for you if you are looking to start in the Engineering sector, covering a range of topics allowing you to develop your knowledge and skills.

What Will I Study?

You will study theoretical aspects of the subject and apply them to practical tasks.

Compulsory topics include:

- Engineering materials
- Electronics, control and instrumentation
- Mechanical structures and dynamics
- Manufacturing methods in engineering
- Engineering design
- Engineering mathematics and statistics.

Alongside your Engineering course you will study AQA A Level Maths for the 2 year duration of the Level 3 course.

Why Study Here?

- Rotherham College has a fantastic Engineering Department with lecturers who have worked in the Engineering industry and can apply your subjects to a variety of Engineering situations.
- Students have the opportunity to complete a project for a local Engineering company as part of the Engineering Education Scheme. This will include trips and residentials to companies and local universities.

- As part of your course, you will undertake Work Experience which will be tailored to the area of Engineering that you are interested in.
- We will also have Guest Speakers from local companies and higher education institutions.

Entry Requirements

5 GCSEs at 5+, these must include Maths and English. Science is preferred but not required.

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 [mailto:info@rotherham.ac.uk] or by calling **01709 362111**.

What Courses Can I Progress Onto?

- Level 3 Advanced Technical Extended Diploma in Engineering (1145-32)

Tuition Fees

- 16-18 year olds do not need to pay course fees
- Depending on your circumstances you may not need to pay fees

Contact the Enquiries Team on 01709 362111 for advice and guidance

Additional Information

Relevant workbook to support your studies.

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 2020-21 or 2022-23. However, we do reserve the right to make changes if necessary.

Last updated: 6th March 2023