

Engineering

Engineering Electrical/Mechanical (Mechatronics) Level 3 Full-time

In Brief

Start Date

This two year study programme starts in September.

Entry Requirements

- Four GCSEs at grade 4 or above including English and Maths
- With Science at grade 5 or the Level 2 Diploma in Engineering.

You will achieve

Year One: Foundation Diploma Level 3 in Mechanical (Mechatronics)/Electrical Engineering

Year Two: Extended Diploma Level 3 in Mechanical(Mechatronics)/Electrical Engineering

Course Overview

This course is perfect for getting into the electrical industry. Over two years, you'll learn safety, electrical science, installation, and technology, and get hands-on experience. Taught in a dedicated STEM centre and developed with top employers, it covers key skills needed for a career or apprenticeship in engineering. You'll learn to install and maintain electrical systems, explore units like machining, electronics, welding, and more, preparing you for exciting careers.

Course Content

How will I be assessed?

Assessment is through practical and coursework. You will be required to sit three exams.

What Equipment Will I Need?

You will require a ring binder, a calculator, textbook and general stationery.

See what careers are available in the Engineering

[<https://www.barnsley.ac.uk/app/uploads/2023/10/Engineering-careers-2023-24.pdf>] sector. Use our online careers tool, Career Coach [<https://barnsley.lightcastcc.com/?radius=®ion=Barnsley>] , to find out what your next steps could be.

Where will I study?

Science, Technology, Engineering and Maths (STEM) Centre
Old Mill Lane
Barnsley
S70 2LA

What can I do next?

Employment: This course can form the foundations for future study and work as Engineer and other related roles.

Education: Many students continue with higher level qualifications such as a BEng Degree or Higher National Diploma in Engineering.

For career aspirations in engineering please visit <http://educatingengineers.com/career-specialties>
[<http://educatingengineers.com/career-specialties>]

How much does the course cost?

16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

19+ Students

Aged 19 or over and thinking about Further Education? You may be eligible for free or reduced course fees . Please refer to our page '[paying for your course.](#)'

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on 01226 216 267.

Extra information

Advanced Learner Loans

This course may be eligible for an Advanced Learner Loan.

For eligibility information and details about how to apply, visit the Advanced Learner Loan page. Or contact our Information Team by calling 01226 216 123 or emailing: info@barnsley.ac.uk [<mailto:info@barnsley.ac.uk>]

Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email info@barnsley.ac.uk [<mailto:info@barnsley.ac.uk>]

Want to join Barnsley Sports Academy and Honeywell Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/barnsley-sports-academy/>].

Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Call 01226 216 769 for further information.

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

Last updated: 6th November 2024

Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**