

Why Study Engineering

5 Reasons to choose Engineering

1. It's a hands-on and practical career as engineers design, build, fix problems and provide solutions.
2. Engineering offers challenging work and it's a field that demands innovation and creativity.
3. You can specialise in Motor Vehicle, Motorsport, Aeronautical or Manufacturing Engineering.
4. Qualified Engineers are in demand both in the UK and abroad offering a wide range of career possibilities.
5. There are plenty of opportunities to climb the engineering career ladder or to progress into HE.



Industry Insight

Motor Sport is all about turning ideas into designs and then seeing those results on the road.

Aeronautical Engineering is all about creating and maintaining the aircraft that the modern world depends on.

Manufacturing Engineers are involved in all aspects of designing, building and testing new technologies and products.

Motor Vehicle - Mechanics inspect, diagnose, repair and maintain automotive vehicles and as car ownership is on the increase it can provide excellent career opportunities.

Vocational Route Explored

Studying a vocational course in Engineering offers a fantastic opportunity to progress into the Industry. Vocational courses have been developed in partnership with employers to ensure students are learning the skills they will need in the industry while they are at College.

For this reason they are popular with employers and increase the chances of the students getting a job at the end of their study. They are practical and hands on, a method of learning that is valued by many students. Work experience is also a key requirement on our courses giving the students the ability to apply knowledge learnt to real life situations as well as developing their interpersonal skills which are so vital and again valued by employers.

Engineering is at the heart of the UK's economic success: it generates 23% of UK turnover, employs 5.8 million people and produces the majority of the nation's exports. Yet engineering skills remain in short supply so providing opportunities for those with innovative and creative flair.

A career in Engineering is rewarding, it is vital to our everyday lives affecting all kinds of things that are taken for granted from transport to product development.



My 3D World

With the flair to create his own future, Brooklands College student Myron Teleychuk is rapidly developing his entrepreneur skills. At just 19 years old, Myron has already started his own business in 3D printing. He is taking regular orders and is creating durable products for daily use.

"I didn't have a printer and if you buy an object, it was expensive. So, instead of buying it, I thought I'd make it!" Through his Engineering course, his confidence in building workable products has strengthened and he is able to produce customised items using a variety of engineering methods. "It's a very enjoyable college. It's fun and there are good lessons." Myron intends to grow his 3D printing business and continue developing his skills.



R1 Motosport Triumph!

Throughout 2019, students on the Oxford Brookes Motorsport Foundation Degree, and Level 3 Vehicle Technology (Motorsport) course have been assisting the team at R1 Motorsport, re-preparing their modified Peugeot 205 for the 2019 BTRDA Rallycross Championship.

In October, the team completed the final touches- a new clutch, flywheel and suspension geometry- and sent the car off on the 450-mile journey to Knockhill Race Circuit in Scotland. The 205 ran faultless all weekend with minor repairs, setting constant times throughout the day, and resulting in a good position on the grid for the final. A trouble free final saw success for the R1 Motorsport team and driver, securing the Modified Class Championship in the Classic Car Class.

Company owner and Brooklands Lecturer, Ryan Stutchbury said: "Thank you to the college for the use of the workshop, and to the students help in re-preparing the car throughout the year."

Student work experiences/work placements

- Mercedes Benz World
- Daytona Racing
- McLaren
- ALP Racing
- Farnborough Airport
- Merittys

Take a look at the courses we offer on our website: Brooklands.ac.uk

Any questions? Contact us:
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