

LEVEL 3 ENGINEERING

Subject Area
Student Type
Study Mode

Engineering
Students aged 16-18
Full Time

What is the course about?

Bringing to life core subjects in electrical and electronic, mechanical and manufacturing engineering, this exciting course is equivalent to 3 A Levels and will help you build the skills and knowledge you need for a successful career in this fast-paced industry. Highly practical and experimental sessions will give you hands-on experience to complement your theoretical and mathematical learning.

Why should I choose the course?

This exciting course will provide you with the knowledge and skills you need to secure a successful career in engineering. This broad course encompasses a wide range of modules and could lead you towards many different careers. The course will lead you directly into employment or on to further study.

What will I learn?

You will cover a wide range of modules to give you a fundamental understanding of the major engineering disciplines. These will include mechanical technology, digital and analogue electronics, engineering materials, science for engineering, computer-aided design (CAD), electrical and electronic principles, and mathematics and further mathematics.

You will be assessed through classroom studies, practical work, problem solving, communicating ideas, teamwork, and assignments. There will also be continuous assessment of a portfolio containing evidence of completed assignments.

What will the course lead on to?

There are abundant career opportunities available in the UK engineering sector. The industry has a vast skill shortage and there are a huge variety of jobs available for those interested in this career. You could also choose to further develop your knowledge and skills by pursuing a HNC or HND course in electrical engineering. You may wish to pursue a path as a design engineer, or perhaps you would prefer to go down a more practical route and become a mechanical engineer. You may also wish to progress on to a HNC or HND course in engineering to further develop your knowledge and skills.

Are there any links with industry and university?

We regularly work with companies such as Roberts Bakery, Jungheinrich, Vinci and APG Precision to enhance your learning. You will be involved in workshops, demonstrations, and guest talks from current learning industry professionals, learning more about the sector and the options available to you.



**Warrington
& Vale Royal
College**

Warrington Campus
Winwick Rd, Warrington WA2 8QA

 wvr.ac.uk

 01925 494 494

Winsford campus
Weaver St, Winsford CW7 4AH

 learner.services@wvr.ac.uk

What support is available?

You will be allocated a progress coach who will provide you with support to help you succeed on your study programme and progress on to your chosen career or progression path. We have a team of staff dedicated to providing learning support if required, as well as a Welfare Team that is on hand to offer guidance, support and help when needed.

Additionally, eligible students can access a wide range of finance and funding support to help them during their time at college.

Click here for learning support: <https://wvr.ac.uk/college-life/learning-support>

Click here for finance support: <https://wvr.ac.uk/college-life/financial-support>

Why should I choose to study the course at Warrington & Vale Royal College?

During your time at the college, you will have the opportunity to take part in activities that will enrich your time here alongside your course. You can actively participate in activities to boost your skills in equality and diversity, confidence, leadership, teamwork, health and wellbeing, and self-motivation, which can all help to enhance your employability.

Our state-of-the-art workshops have been created to industry standard to prepare you for your future career. We work with a huge variety of employers who provide outstanding equipment to ensure your learning is at a high standard. For example, our students currently work with motors from worldwide company ABB Motors, stripping and rebuilding these to understand the intricacies of their components.

What are the entry requirements?

You will need a minimum of five GCSEs at grade 4 or above, including English and/or maths, or you will have needed to have successfully completed a Level 2 course. If you have not already achieved a grade 4 in your either your GCSE English or maths and you wish to study at Level 3, you will be required to work towards GCSE English and maths as part of your qualification.

Are there any additional costs associated with the course?

Students will need to provide their own stationery, a calculator etc. A reading list will be provided and students will have access to our onsite library and e-learning facilities.



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