

LEVEL 3 ENGINEERING DESIGN TECHNICIAN APPRENTICESHIP

Subject Area
Student Type
Study Mode

Engineering
Students aged 16-18
Part Time

What is the course about?

This interesting course will aim to allow an apprentice to develop the key skills and knowledge to succeed in a career as an Engineering Design & Draughtsperson that can be transferred to a wide range of engineering sectors. Engineering design and draughtspersons produce designs and drawings for structures, piping, electrical systems, control and instrumentation systems and mechanical components used in industrial and commercial construction. Typically, jobholders work in a wide range of industries of national importance including power and water infrastructure, petrochemical, oil and gas, nuclear, food and drink processing. Your course will focus on developing your understanding technical drawings and specifications and creating your own, producing CAD models, and being able to communicate design information to internal and external parties.

Why should I choose the course?

This apprenticeship standard is occupational competence for Electrical Design and Draughtsperson

Control and Instrumentation Design and Draughtsperson

Mechanical Design and Draughtsperson

Piping Design and Draughtsperson

Structural Design and Draughtsperson

What will I learn?

During this apprenticeship course, you will gain a range of core and specialist skills and knowledge, including health & safety requirements, employing appropriate use of computer-based technology, reviewing and interpreting technical information, and identifying inaccuracies in engineering drawings and specifications.

How is the apprenticeship delivered?

The apprenticeship is delivered over 48 months, and you will be fully supported by the college every step of the way. During your apprenticeship you will attend college one day per week, with the other four days spent with your employer. As an apprentice you will be allocated a tutor and an assessor, who will come out to visit you onsite.

What will the course lead on to?



**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

This will lead to full time employment and could lead to HNC in engineering.

Are there any links with industry and university?

Engineering Technician (EngTech) in partnership with the appropriate institutions as shown below:

Institution of Mechanical Engineers (IMechE) (for piping and mechanical)

Institution of Structural Engineers (IStructE)

Institution of Engineering and Technology (IET) (for electrical and mechanical)

Institution of Engineering Designers (IED)

Professional registration is subject to candidates successfully completing this apprenticeship and undergoing professional review.

What support is available?

You will be allocated a designated tutor to guide you through your apprenticeship. 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.

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

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

Warrington & Vale Royal College has a long history of delivering bespoke, high-quality apprenticeships across a wide range of sectors. We take pride in our apprentices and ensure they leave us with the skills they need to forge a career in their chosen industry. We work with all manner of employers to ensure all parties' interests are met throughout the apprenticeship journey. We also have a dedicated apprenticeship matching service which matches your skills to a suitable apprenticeship employer.

What are the entry requirements?

Entry requirements for this apprenticeship programme are GCSE grades 9-4, or level 2 functional skills qualifications in English and maths. We will consider those who need to resit either their English or maths qualification, however those that need to resit both will not meet the entry requirements for this apprenticeship programme.

If you are required to resit either English or maths, you will be invited to undertake an initial assessment. If deemed suitable, you must be willing to achieve your level 2 English/maths qualification before the end of the apprenticeship programme as part of your study.



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