

LEVEL 4 ENGINEERING MANUFACTURING TECHNICIAN APPRENTICESHIP

Subject Area
Student Type
Study Mode

Engineering
Students aged 16-18
Part Time

What is the course about?

As an engineering technician, you will work in a wide range of engineering and manufacturing companies.

This occupation is found in large and small engineering and manufacturing organisations providing products and services throughout a wide range of sectors, such as Automotive, Aerospace/Airworthiness, Chemical Processing, Land Systems, Marine, Maritime Defence, Materials Manufacturers and their respective supply chains.

The broad purpose of the occupation is to provide specialist technical support for engineers, so that organisations can develop, produce or test new/existing products, processes, or procedures to meet a customer specification in terms of quality, cost and delivery, as efficiently and effectively as possible. Engineering Manufacturing Technicians gather information and data from a range of sources and analyse the information/data.

What will I learn?

You will learn how to make decisions, solve problems and produce and/or update technical documentation, reports or specifications covering areas such as quality, reliability, production schedules/targets, costing or other technical documentation that informs others, either internally or externally what needs to be done such as how a product must be designed, manufactured, tested, modified, maintained, stored, transported, commissioned or decommissioned.

An employee in this occupation interacts on a daily basis with their line manager to confirm departmental programmes of work and to agree individual responsibilities. This in turn will align to an overarching organisational resource and delivery plan.

Engineering Manufacturing Technicians can be office based, manufacturing/plant based or more commonly a combination of both, working with engineering and/or manufacturing teams at an operational level such as with production team leaders and/or management level working with specialist quality or design engineering

On completion of the on-programme qualifications the candidate will undertake an end point assessment to test their skills, knowledge and behaviours to achieve the apprenticeship standard and have access to professional engineering recognition and will gain a Level 4 Higher National Certificate in Engineering.

How is the apprenticeship delivered?

As a Higher apprentice you will learn the skills, knowledge and behaviours required by attending tutored sessions at Warrington and Vale Royal College and gaining valuable industrial experience with your employer.

You will normally work around 30 hours per week, and no more than 40 hours (if you are under 18), which includes any training time at college (off the job) as well as on the job with your employer.

You will be required to attend college one day per week.



**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 will the course lead on to?

After successfully completing the apprenticeship, you can develop your skills further by progressing on to the college's HND programme. The programme also supports career development opportunities for those already employed in industry.

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?

We are one of the top performing further education college for apprenticeships. More than 9 out of 10 of our apprentices continue in employment or receive a promotion once they have finished their apprenticeship. We also have a dedicated matching service where we match your skills to a suitable employer, and our experienced team will work with you to guide you through your apprenticeship.

What are the entry requirements?

You will typically have one of the following:

- A BTEC level 3 or other level 3 qualification in a related subject, minimum MPP or MM
- T Level with overall grade Pass
- A minimum of two A-Levels (A2) with one in a related subject at grade C or above
- Access to HE with relevant options
- Appropriate relevant work experience – mature students who have appropriate work experience in a related sector or role and/or have professional qualifications in a related industry are welcome to apply.

AND

- A* to C grade and/or 9 to 4 in GCSE English (language or literature)
- A* to C grade and/or 9 to 4 in GCSE Maths

Non-native English speakers who have not undertaken their final two years of schooling in English need to demonstrate capability in English at a standard equivalent to the levels identified below. This is necessary before being recruited to the programme, as the programme is both taught and assessed in English:

- Common European Framework of Reference (CEFR) level B2
- IELTS 5.5; reading and writing must be 5.5.

All HNC/HND programmes require the completion of a personal statement prior to an admissions interview being offered. You will also be required to provide a reference from one of the following options:

- A previous course leader/teacher (if progressing from a recently attended further or higher education course)
- A recent or current employer



- An appropriate professional who can provide a character reference (if you have not been in recent education or employment).



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