Engineering Fitter Apprenticeship

An Engineering Fitter role is found in manufacturing and process sectors. The broad purpose of the occupation is to produce complex high value, low volume components or assemblies in full or part, using machines, equipment or systems, to the required specification. Fitters may typically have a mechanical, electrical, electronic, control systems, pipe fitting or instrumentation bias or operate across multiple disciplines depending on the type of assembly. To produce or re-furbish the components fitters will interpret drawings/specifications and plan their work. Fitters are required to check their work against quality standards and make adjustments as required based on their knowledge. In their daily work, an employee in this occupation typically interacts with line managers/supervisors; depending on the size of the employer and nature of the work they may work as part of a team of fitters or independently. They may interact with personnel in other functions for example installation and maintenance engineers, health & safety and quality assurance personnel, as well as internal or external customers. Information from Institute for Apprenticeship and Technical Education 2021.

What will I learn?

In this apprenticeship, you will be learning the knowledge, skills and behaviours to be successful in your chosen role; Knowledge in this role will give you an understanding of materials used in components/assemblies, principles of design and operation, manufacturing and assembly processes, safe use of tools and equipment, component/assembly specifications, techniques for measuring, marking, cutting and drilling materials, engineering mathematical and scientific principles, engineering data, component/assembly documentation, quality standards for components/assembly, health and safety, environmental considerations and planning techniques component/assembly quality checks. Behaviours learnt in this role include personal responsibility, teamwork, communication and problem solving.

How will I be assessed?

All apprentices now complete an end-point assessment to complete their qualification. This is delivered by an independent end-point assessment organisation with no affiliation to the employer or training provider. End point assessments use a variety of assessment methods depending on the apprenticeship standard these can include:

Professional Discussions

Study Mode: Part Time
Campus: Pagefield Campus

Interviews. Showcase portfolios

Practical assessment of skill

Theory assessments

Assignments and more

How long is the course?

42 months + End Point Assessment

What qualification do I need?

Employers are looking for apprentices who have GCSE maths and English at Grade 4. Level 2 - A minimum of 5 GCSEs, graded 9-3 or equivalent, including maths or English. Level 3 - 6 - A minimum of 5 GCSEs, graded 9-4 or equivalent, including maths or English.

What can I progress onto?

This standard aligns with the professional recognition of IET for Eng Tech. Further progression to higher and degree level apprenticeships possible.

Other Information

If you don't currently have an employer and would like to undertake an apprenticeship, take a look at our vacancies at www.wigan-leigh.ac.uk/Apprenticeship-Vacancies or contact apprenticeships@wigan-leigh.ac.uk for support

Exam Fees

Students aged 16-18 do not pay exam fees.

Study Mode: Part Time
Campus: Pagefield Campus