

Apprenticeships

Level 3 Engineering

Fitter Standard

Apprenticeship Code: ST0432
Sector: Engineering

Length of Delivery

Up to 42 months.

Entry Requirements

Employers can set their own entry requirements; however, learners must be of the right calibre and committed to achieve all components of their apprenticeships.

About the Role

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. For example, turbines, cranes, gearboxes, production lines, rigs and platforms. 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.

What Apprentices need to learn

Apprentices need to complete 20% off-the-job training during the on-programme phase of their apprenticeship. Specific rules govern this, and it must take place in the apprentice's contracted hours.

Apprentices will learn the following skills:

Skills:

- Reading, interpreting and understanding
- Planning component
- Preparing work area
- Checking tools
- Measuring and testing, checking/ inspecting component/assembly
- Problem solving; analysing the issue and fixing
- Applying improvement techniques
- Completing component/assembly documentation
- Reporting work outcomes
- Disposing of waste in accordance with waste streams
- Operating within limits of responsibility

Please go to the Institute of Apprenticeships website for further detail on the standard and assessment www.instituteforapprenticeships.org/apprenticeship-standards/engineering-fitter/

End Point Assessment (EPA): how apprentices achieve their qualification

When the apprentice reaches the end of the On-Programme Assessment stage, they pass through “Gateway” to the End Point Assessment. This consists of a range of assessment methods, including a knowledge test and written portfolio and interview to build in rigour and ensure that all components of the Standard have been fully tested and met.

Before you can book End Point Assessment, Lakes College and the employer will sign off that the apprentice will be ready for EPA by a gateway assessment.

- Apprentices without level 2 English and Maths will need to achieve this level prior to taking the End Point Assessment.
- Advanced Manufacturing Engineering (Development Knowledge) – this qualification ensures full knowledge to complete the fitting role.
- Advanced Manufacturing Engineering (Development Technical Knowledge) – this qualification ensures full knowledge to complete the fitting role.

Progression Opportunities

Level 4 engineering standard including HNC. Level 6 Degree Apprenticeship – Beng. This Standard is professionally recognised by the IET.

Next Stage

- If you are an employer please contact our Business Accounts Management lead via team-sales@lwc.ac.uk, whom will arrange an appointment to support your recruitment needs.
- If you are an applicant please either:
Go to our website www.lwc.ac.uk and apply
or contact our admissions team **01946 839300**
or email admissions@lwc.ac.uk


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