University of Lancashire
Training 2000

INFORMATION FOR STUDENTS

Apprenticeships

Engineering Fitter

Level 3 Apprenticeship

Engineering Fitters 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. They will produce or re-furbish components and will interpret drawings/ specifications and plan their work, for example ensuring they have the right tools, equipment and resources to complete the task to the required specification. Fitters are required to check their work against quality standards and make adjustments as required based on their knowledge.

Duration: 3 - 4 years (depending on your employers needs)

Year 1* - full time at Training 2000
OR - x3 five week blocks and 1 day per week to complete the Technical Certificate (if required)
Year 2 - 1 day per week
Year 3/4 - assessment in your workplace

Where will I study:
Training 2000, Blackburn

Entry requirements:
A minimum of four GCSEs at grade 4 (C) or above including English and Maths. Other equivalent qualifications are acceptable.

*Year 1 full time at Training 2000 could be for a minimum of 6 months to a maximum of 12 months.
Year 1 blocks could take between 12 and 18 months to complete. Full time or block training to be decided by employer.

Pathways available within this Apprenticeship:

- Electrical
- Mechanical

What you'll learn

Interpreting drawings
Interpreting and following drawings or diagrams or specifications for required component or assembly

Planning
Planning work activity, including resources, equipment and tooling.

Producing components
Producing individual components, for example keys, pipework, threading, wiring looms, interfacing parts, motors, wiring cables.

Re-furbishing components

Assembly
Assembling components to produce equipment, machine or system - in full or part.

Quality control
Quality checking and adjusting components or assembly against required specification; for example testing and calibrating.

Problem solving
Identifying and resolving problems with components or assembly; fault diagnosis.

Completion of components
Handing over completed components or assembly, this may include storage and commissioning.

Re-instating work area and equipment

Improvements
Contributing to continuous improvement in component production or assembly

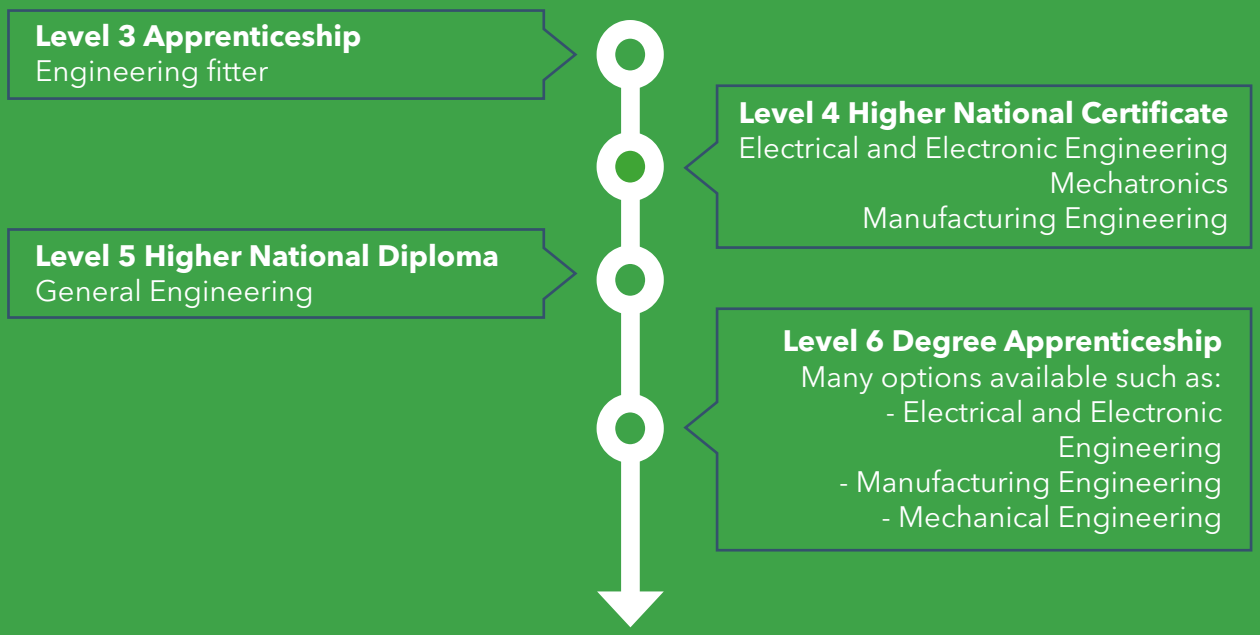
How you'll be assessed?

At the end of your Apprenticeship you'll go through an end-point assessment (EPA) and be graded a pass, fail or distinction based on a:

1. Project report including evidence and questioning
2. Multiple choice test
3. Professional discussion with a portfolio of evidence

Your Apprenticeship career path

Below is an example career path showing how you can earn, learn and study up to Degree level with an Apprenticeship. Training 2000 are part of the University of Lancashire which makes it easier than ever to progress on to a Degree Apprenticeship or Degree.



An Apprenticeship in Engineering can take you in many directions from an Aerospace Engineer to Nuclear engineer. You could even go on to own your own business.

Interested? Apprenticeships start throughout the year. Apply now!

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