University of Lancashire
Training 2000

INFORMATION FOR STUDENTS

Apprenticeships

Welder

Level 2 Apprenticeship

Welding is a way to make high strength joints between two or more parts. General Welders use high electrical energy to form an arc. Manual dexterity is essential in controlling the arc, which is used to melt metals, allowing them to fuse together to form a structurally sound weld.

Welding is used extensively and in almost every sector of industry. There is a high demand for skilled General Welders in areas such as: automotive, marine, transport, general fabrication, construction and many more. General Welders produce items like components for cars; ships; rail vehicles; simple metallic containers; and steelwork for bridges, buildings and gantries.

Duration:
18 months - x1 four week block (covering two welding processes depending on the training your employer requires)

Where will I study:
Training 2000, Blackburn

Entry requirements:
A minimum of two GCSEs at grade 3 (D) or above in English and Maths. Other equivalent qualifications are acceptable.

What you'll learn

Welding safety
Conduct safety checks of welding equipment and surrounding work areas

Welding data
Receive and read welding data and documentation, engineering drawings and technical data

Quality standards
Identify, check and inspect materials to be welded and ensure they conform to quality standards

Planning
Plan and prepare for welding activities. Ensure that consumables, work area and materials for use are correct. This applies to basic or complex welding tasks

Setting up equipment
Set up, operate and adjust welding controls for the welding equipment being used

Welding components
Weld components to create an interim assembly or finished product

Evaluation
Inspect welds produced for dimensional and surface weld quality to ensure compliance prior to release

Identifying issues
Identify, communicate and report issues affecting weld quality

Stages of welding activity
Complete welding documentation at all stages of the work activity. For example, Production Control Cards

Working environment
Restore the work area and equipment to a safe and reliable condition on completion of welding, including remediation and recycling

Completion of work
Ensure tools, consumables, unused materials and equipment are returned to a safe, clean and approved condition on completion of welding work

How you'll be assessed?

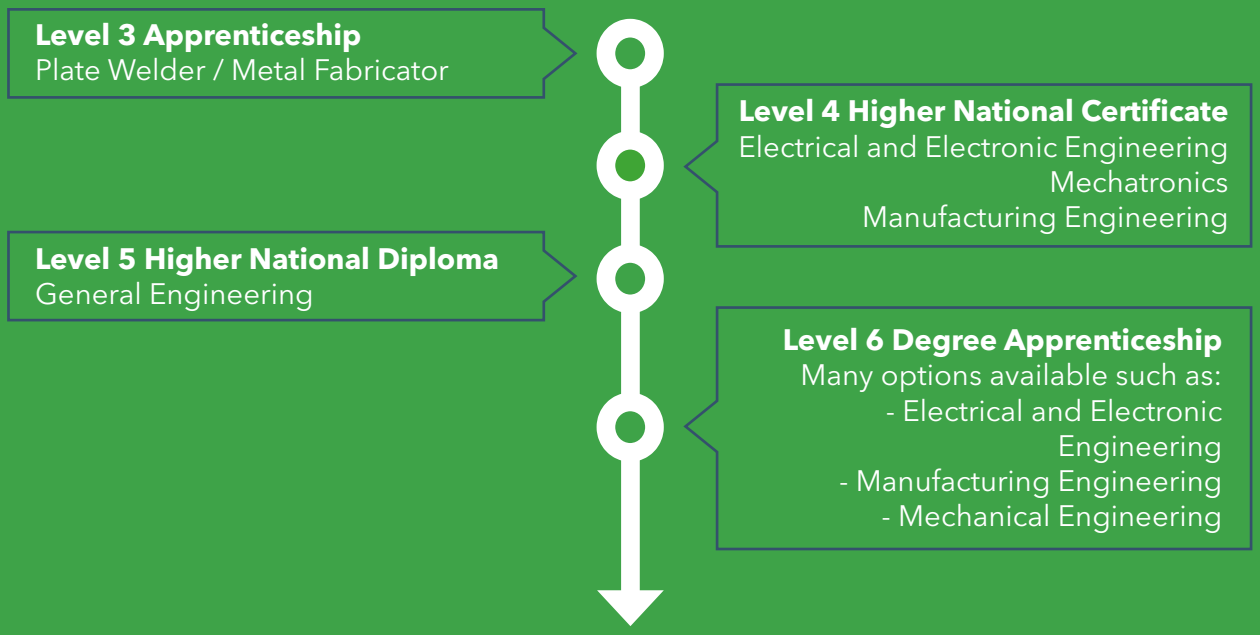
After 12 months a test piece will be submitted for inspection to an external organisation and if successful you'll be coded to ISO-9606 or BS-4872 industry standard. Coded welders are licensed to perform complex tasks and are highly regarded in the welding industry

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

1. Multiple-choice test
2. Practical assessment with questions
3. Interview / 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 Central 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!

www.training2000.co.uk
01254 54659
info@t2000.co.uk

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