University of Lancashire
Training 2000

INFORMATION FOR STUDENTS

Apprenticeships

Engineering and manufacturing support technician

Level 3 Apprenticeship

Engineering and manufacturing support technicians help engineers by providing hands-on support and technical know-how. This can include tasks like making drawings, using CAD software, checking quality, programming machines (CNC), working with robots, 3D printing, using specialist software, and improving how processes are done.

Duration:
3 - 4 years depending on employers needs

Year 1 - full time at Training 2000*

OR x2 five week blocks & x1 six week block and 1 day per week to complete the Technical Certificate (if required)

Year 2 - 1 day per week to complete the Technical Certificate (if required) / assessment in the workplace

Year 3/4 - assessment in the workplace

Where will I study:
Training 2000, Blackburn

Entry requirements:
A minimum of four GCSEs at grade 4 (C) or above including English, Maths, Science and Technology is desirable. 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.

What you'll learn

Regulatory and Safety Compliance
Comply with statutory, quality, organisational, environmental, and health and safety regulations.

Interpret Engineering Data and Documentation
Receive, read, and interpret engineering data and documentation.

Problem Identification and Solution Contribution
Identify problems within the engineering or manufacturing activity and contribute to the resolution and suitable solutions.

Workflow Organisation and Communication
Organise engineering or manufacturing workflow, communicating with internal and external stakeholders.

Work and Resource Planning
Plan work, and resources to enable implementation of engineering or manufacturing tasks and projects.

Use of Technical Software
Use appropriate technical software supporting the operation of processes or equipment.

Pathways available within this Apprenticeship:

- Machining – Shaping materials into parts using machines.
- Fabrication – Building things by cutting, bending, or welding.
- Mechanical – Working with machines and moving parts.
- Electrical – Working with electricity, wiring, and circuits.

Safe and Specified Technical Support
Provide technical support operations in line with specific safe working practices and specification requirements.

Equipment and Process Support Activities
Complete technical support activities for equipment, components, systems or processes and contribute to their product output.

Production of Technical Documentation
Produce technical documentation, data and information to support engineering or manufacturing activities.

Quality Checks and Assurance
Carry out quality checks during and after the technical support operation.

Technical Handover and Advice
Handover and provide technical advice to stakeholders for engineering equipment and services.

Support for Continuous Improvement
Support continuous improvement activities to address business needs.

IET The Institution of Engineering and Technology

Accredited Scheme

Successful completion of this Apprenticeship provides you with professional status (EngTech) which will be understood and sought after by your peers, employers, suppliers, customers and your wider professional network.

How you'll be assessed?

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

1. Work-based report with presentation and questioning
2. Interview based on 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.

Level 3 Apprenticeship
Various available

Level 4 Higher National Certificate
Electrical and Electronic Engineering
Mechatronics
Manufacturing Engineering

Level 5 Higher National Diploma
General Engineering

Level 6 Degree Apprenticeship
Many options available such as:
- Electrical and Electronic Engineering
- Manufacturing Engineering
- Mechanical Engineering

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
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Proud to be part of the University of Lancashire

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