

# Apprenticeships

## Level 4 Engineering

### Manufacturing Technician



Apprenticeship Code: ST0841  
Sector: Engineering

#### Length of Delivery

Up to 42 months.

#### Entry Requirements

Individual employers will set the selection criteria for their Apprenticeships. In order to optimise success candidates will typically have 5 GCSE's at Grade C (Grade 4/5 in the new numerical GCSE grading system) or above, including Mathematics, English and a Science, Technology or Engineering related subject, or 90+ credits in an Engineering BTEC at level 3.

#### About the Role

The broad purpose of the occupation is to provide specialist technical support for engineers, so that organisations can develop, produce or test new/existing products, processes, or procedures to meet a customer specification in terms of quality, cost and delivery, as efficiently and effectively as possible.

#### 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:

- Read and extract relevant engineering and manufacturing related data and information
- Lean tools and techniques
- Financial planning, recording and reviewing
- Project management
- Problem solving
- Analyse and interpret data
- Communication
- Process and quality compliance
- Documentation control processes and procedures
- Computer Aided Design (CAD), Data Analytics and Databases

Please go to the Institute of Apprenticeships website for further detail on the standard and assessment [www.instituteforapprenticeships.org/apprenticeship-standards/engineering-manufacturing-technician/](http://www.instituteforapprenticeships.org/apprenticeship-standards/engineering-manufacturing-technician/)

## 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.

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. The EPA consists of observation with questioning and professional discussion supported by portfolio of evidence.

- Higher National Certificate in Engineering or Level 4 Higher National Certificate in Manufacturing Operations
- Apprentices without level 2 English and maths will need to achieve this level prior to taking the End Point Assessment.

## Progression Opportunities

Level 5 or Level 6 , BEng. Professional recognition by IET / Eng Tech, IMechE / Eng Tech.

## Next Stage

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

  
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