

# Apprenticeships

## Level 3 Maintenance and Operations Engineering Technician Standard

Apprenticeship Code: ST0154  
Sector: Engineering



### Length of Delivery

Up to 36 months.

### Entry Requirements

Typically 3 GCSEs at grade C or higher including mathematics, English and science, or equivalent and/or relevant experience.

### About the Role

Maintenance & Operations Engineering Technicians covers 7 roles: Electrical Technicians; Mechanical Technicians; Control & Instrumentation Technicians; Wind Turbine Technicians Electrical System and Process Control Technicians; Electromechanical Technicians and Plant Operations Technicians.

### 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 have the skills, knowledge and behaviours as follows:

#### Knowledge:

- Comply with industry health, safety and environment
- Locate, and rectify faults
- Communication
- Read, understand and interpret information
- Prepare work areas
- Inspection and maintenance
- Assess and test

#### Skills:

- Operational and maintenance principles
- Industry health and safety standards, regulations, and environment
- Maintenance and operational practices
- Engineering theories

#### Behaviours:

- Health & Safety
- Quality focused
- Working with others
- Interpersonal skills
- Critical reasoning
- Sustainability and ethical behaviour
- Risk awareness

Please go to the Institute of Apprenticeships website for further detail on the standard and assessment [www.instituteforapprenticeships.org/apprenticeship-standards/maintenance-and-operations-engineering-technician/](http://www.instituteforapprenticeships.org/apprenticeship-standards/maintenance-and-operations-engineering-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 (EPA). The EPA consists of a knowledge assessment, a final observation of practical work and a technical interview, based upon an evidence portfolio.

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.
- Level 3 NVQ extended diploma in Engineering and Maintenance or equivalent.

## Progression Opportunities

Level 4, 5 or Level 6 BEng. This standard will meet the professional standards of the Engineering Council for registration as Engineering Technician (Eng Tech) by an appropriate Professional Engineering Institution.

## 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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