



# ENGINEERING TECHNICIAN

## Level 3, Apprenticeship Standard

### ELIGIBILITY/ENTRY REQUIREMENTS

- Individual employers will set the recruitment and selection criteria for their Apprenticeships.
- 4 GCSEs at grade 4 or equivalent, including maths, English and a Science.

Aerospace Manufacturing Fitters are predominantly involved in highly skilled, complex and specialist detailed work, assembling aircraft systems according to specific work instructions, using relevant hand and machine tools, jigs and measuring equipment. They also install and test aircraft electrical/mechanical/electromechanical equipment and systems according to specific work instructions, using relevant hand tools, installation, and testing methods and techniques.

### APPRENTICESHIP REQUIREMENTS

Willingness to operate effectively and efficiently within the their chosen sub-sector and work with their employer/training provider to apply their learning, such as health and safety, in the work place.



## TYPICAL JOB ROLES IN THIS AREA INCLUDE:

Aerospace Manufacturing Fitter, Aerospace Manufacturing Electrical/Mechanical and Systems Fitter, Aircraft Maintenance Fitter/Technician (Fixed and Rotary Wing), Maritime Electrical Fitter, Maritime Mechanical Fitter, Maritime Fabricator, Maritime Pipe Worker, Sector Wide Machinist, Mechatronics Maintenance Technician, Product Design and Development Technician, Toolmaker and Tool and Die Maintenance Technician, Technical Support Technician.

## PROGRESSION ROUTE:

While significant numbers of Advanced Apprentices will seek internal progression to team leader or supervisory roles within their companies, some will want to progress to a Higher Apprenticeship in Engineering and others may decide to opt for a Foundation degree or HNC/HND.

### KEY FACTS:

<b>Delivery location</b>	Stretford Campus.
<b>Typical duration</b>	36-48 months.
<b>Study mode/frequency</b>	Full time, year one; day release years 2-4.
<b>Apprenticeship Standard</b>	Upon completing this apprenticeship, the learner will receive a recognised Diploma in Engineering.
<b>Knowledge and skills</b>	<ul style="list-style-type: none"><li>• Practical hands-on experience</li><li>• Technical know-how</li><li>• Health and Safety</li><li>• Communications</li><li>• Science</li><li>• Maths</li></ul>
<b>Competency/skills or behaviours</b>	<ul style="list-style-type: none"><li>• Logical thinking</li><li>• Designing</li><li>• Working safely</li><li>• Communicating technical information effectively</li></ul>
<b>Functional Skills</b>	Functional Skills will be required for English and maths at Level 2 if you have not already attained an equivalent qualification.
<b>Assessment</b>	Assessment is through a series of observations and discussions, which form a portfolio of competency-base evidence. It also takes the form of group work, presentations and assignments.

For further information contact START on **0161 886 7461** or email **start@tcg.ac.uk**  
Stockport, Trafford, Apprenticeship, Recruitment Team



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**TRAFFORD  
COLLEGE**  
GROUP