



# ENGINEERING MANUFACTURE (MECHANICAL MANUFACTURING) PATHWAY 3

## Level 3, Apprenticeship Framework

This Advanced Apprenticeship in Engineering Manufacture Framework is designed to provide the skills, knowledge and competency requirements to work at craft or technician level (Level 3) as appropriate, to carry out a variety of engineering and manufacturing processes within the following range of sub-sectors: automotive, aerospace, electronics, mechanical, marine, electrical, metal goods and other transport equipment.

### ELIGIBILITY/ENTRY REQUIREMENTS

- Aged 16+ years.
- GCSE grades 4-9 in maths, English and science.
- Entry requirements may vary according to the pathway chosen and the suitability of individual candidates.

### APPRENTICESHIP REQUIREMENTS

Willingness to operate effectively and efficiently within 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:

Skilled Machinist, Toolmaker, Metal Forger, Skilled Sheet Metal Worker, Skilled Fitter, Composite Technician, Pipe Fitter and Assembler.

## 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>	24-36 months, depending on delivery model.
<b>Study mode/frequency</b>	Different delivery options.
<b>Apprenticeship Framework</b>	Upon completion the apprentice will receive a recognised Diploma in Engineering.
<b>Knowledge and skills</b>	<ul style="list-style-type: none"><li>• The designated technical certificates underpin the knowledge elements of the competence qualification in this pathway.</li><li>• The knowledge qualifications deliver essential underpinning knowledge which supports the fundamental scientific and mathematical principles to equip apprentices with the understanding required to operate effectively and efficiently at craft and technician level within this sub-sector.</li></ul>
<b>Competency/skills or behaviours</b>	<ul style="list-style-type: none"><li>• Communication</li><li>• Commitment</li><li>• Conform to general health, safety and welfare</li><li>• Conform to productive working practices</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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