



MANUFACTURING ENGINEERING

(ELECTRICAL & ELECTRONICS CONTINUATION OF PATHWAY 5)

Level 4, Apprenticeship Framework

The Higher Apprenticeship framework for Advanced Manufacturing Engineering at Level 4 has been designed to provide the manufacturing and engineering sectors with high grade technicians and engineers who have practical skills, combined with a higher education qualification. This will facilitate progression to Level 5/6 qualifications and enable them to work towards 'Incorporated Engineer' status. Higher Apprentices will undertake higher level technical occupations in such sectors as aerospace, nuclear, mechanical, electrical/electronics, automotive, maintenance, wind generation, marine, space and rail engineering.

ELIGIBILITY/ENTRY REQUIREMENTS

- Certain units from the Engineering Manufacture Level 3 Framework can be used in accreditation for this course for applicants aged 18-24.
- Experience comparable to Level 2 combined with relevant health and safety training may be used for applicants 25 years and over.

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:

Senior Electronics Production Technician, Electrical/Electronics Engineering Senior Technician (Aerospace Computer Systems), Electrical (Electronics Senior Technician (Wind power), Electronics Development Senior Technician, Electronic Engineering Software/Hardware Senior Technician.

PROGRESSION ROUTE:



Progression to the Higher Framework for Advanced Manufacturing (Mechanical - Level 6).

KEY FACTS:

Delivery location	Stretford Campus.
Typical duration	24 months.
Study mode/frequency	Day release.
Apprenticeship Framework	HNC.
Knowledge and skills	<ul style="list-style-type: none">• The designated Foundation Degrees and Technical Certificates underpin the knowledge elements of the competence qualification in this pathway.• The knowledge qualifications deliver essential underpinning knowledge which supports the fundamental scientific and mathematical principles that equip apprentices with the understanding required to operate effectively and efficiently at a high level within this sub-sector.
Competency/skills or behaviours	<ul style="list-style-type: none">• Communication• Commitment• Conform to general health, safety and welfare• Conform to productive working practices
Functional Skills	N/A.
Assessment	Learners will have the opportunity to develop their knowledge via summative assignment and build a portfolio of evidence to show skills attained within the workplace. Learners will collect competency-based evidence along with assessor observations and discussions.

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



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