

# Engineering Manufacturing Technician



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Subject Area	Engineering
Course Type	Apprenticeships
Study Level	Level 4
Delivery Mode	Part-time
Duration	1 Academic Year
Start Date	Year round enrolment
Course Code	PA000180

## Course Summary

This apprenticeship combines two principal qualifications: Level 4 NVQ Extended Diploma in Engineering Leadership (delivered mostly in the workplace with tailorable units) and the HNC in Manufacturing Engineering (completed as a day-release to college).

The Advanced Manufacturing Engineering at Level 4 has been designed to develop high-grade technicians and engineers who will gain practical skills that are combined with a higher education qualification.

On completion of the apprenticeship, learners will have the knowledge and skills to allow them to become high grade technicians and engineers within the Manufacturing and Engineering sector.

## What You Will Learn

The candidate will complete the following qualifications as part of the apprenticeship framework:

Mandatory units include:

- Complying with statutory regulations and organisational safety requirements
- Plan and manage a project
- Solve engineering problems

Optional units (dependant on chosen pathway) include:

- Producing electrical or electronic engineering drawings using a CAD system
- Maintaining mechanical devices and equipment
- Build, support and manage a team
- Ensure compliance with legal, regulatory, ethical and social requirements

## Entry Requirements

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Entry requirements will be tailored to your employer's requirements.

## Progression

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Completion of this Apprenticeship can lead to careers in Manufacturing, Installation, Production and Quality.

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