



Mechanical Manufacture

Level 3



Overview

Apprenticeship: Mechanical Manufacture

Qualification: Level 3

Duration: 36-42 months

Mechanical Engineers are employed across many highly skilled disciplines to produce and manufacture a wide range of components and assemblies to a very high standard. An engineering apprenticeship usually lasts for between 3 and 3 and a half years. All apprentices are supported throughout the entire journey by a specialist Skills Development Coach who is from your chosen industry and has a passion for apprenticeship training.



Type of job roles the programme is for

- Engineering Fitter (Fitting and Assembly)
- Conventional Machinist
- CNC Machinist
- Tool Maker

Qualifications

- Level 3 Diploma in Mechanical Manufacture
- Functional Skills in Maths
- Functional Skills in English

Progression opportunities

- Level 4 HNC in Engineering

Core competencies

- The ability to produce mechanical components to a very high standard
- The ability to read and understand technical drawings and specifications
- Ability to work as part of a team and to meet deadlines

Training Process

Apprenticeship: Mechanical Manufacture

- New learners are assessed by a Skills Coach to ensure their suitability for the programme
- After this, they will complete an initial assessment and scoping to identify areas of improvement and development goals
- An apprenticeship induction is then held for new learners, where they will be introduced to the schedule of study

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Topics

- Traditional machining
- CNC machining
- Tool making
- Fitting and assembly
- Machine tool setting

Pathway

Apprenticeship: Mechanical Manufacture

There is a clear GC Education & Skills career pathway for the apprentice once they've completed the Level 3 Mechanical Manufacture course.

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Engineering Apprenticeship Routes

Level 2

Improving Operational Performance Level 2

Level 3

Fabrication and Welding Level 3

Maintenance Operations Engineering Technician Level 3

Mechanical Manufacture Level 3

Technical Support Level 3