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Level 1 Certificate in Engineering

OVERVIEW

What does this qualification cover?

It covers a wide range of engineering disciplines related to the skills and knowledge required in preparing a learner for an intermediate apprenticeship or further learning.

The learner will complete three units, one mandatory and two optional. The mandatory unit is:

- Working in Engineering

The two optional units covering a wide range of engineering disciplines can be chosen from the following:

- Carrying out basic fitting techniques
- Carrying out basic milling techniques
- Carrying out basic turning techniques
- Carrying out mechanical assembly
- Carrying out electronics assembly
- Carrying out electrical assembly
- Working with sheet metals
- Carrying out manual arc welding techniques
- Carrying out MIG welding processes
- Carrying out TIG welding processes
- Carrying out OXY-Acetylene welding processes
- Carrying out mechanical maintenance
- Communicating using CAD systems
- Producing engineering drawings

This is a Framework qualification.



Who could take this qualification?

It is designed for learners who want to prepare for further learning or training in the Advanced Manufacturing and Engineering sector.

What could this qualification lead to?

It could lead to a variety of engineering jobs roles including:

- Machine operator
- Welder
- Draughtsperson
- Maintenance engineer
- Electronics operator
- Sheet metal worker.

The learner could progress onto an intermediate apprenticeship in Engineering or other qualifications such as:

Level 2 NVQ Diploma in Performing Engineering Operations
Level 2 Certificate in Engineering
Level 2 Diploma in Engineering
Level 2 NVQ Diploma in Mechanical Manufacturing Engineering
Level 2 NVQ Diploma in Fabrication and Welding Engineering
Level 2 NVQ Diploma in Engineering Maintenance

Who supports this qualification?

This qualification is supported by these FE Colleges.

Colchester College
Great Yarmouth College
Walford and Shropshire College