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City & Guilds

600/0881/7 Level 2 Diploma in Engineering

OVERVIEW

- What does this qualification cover?

It covers a wide range of subjects related to the skills and knowledge required in preparing you for a career in Engineering.

The qualification contains four pathways or skills areas:

1. Manufacturing Technology
2. Fabrication and Welding Technology
3. Electrical and Electronics Technology
4. Engineering Maintenance Technology

Within each pathway you must complete two mandatory units:

- Working in Engineering
- Principles of Engineering Technology

You will then select a pathway specific unit from the Principles of Manufacturing Technologies, Principles of Maintenance Technologies, Principles of Fabrication and Welding Technology and Principles of Electrical and Electronics Technology.

Finally you will complete three optional units from a wide range of skills areas including:

- Machining components using milling techniques
- Assembling and maintaining fluid power systems
- Welding by manual metal arc process
- Fabricating sheet metalwork
- Maintaining electrical equipment and systems
- Constructing, testing and fault finding electronic circuits



- Who could take this qualification? OR who is this qualification designed for?

There are no formal entry requirements for this qualification and it is available to all age groups. You may be able to study the qualification full-time, part-time or as an evening class course in a College of Further Education or with a Private Training Provider.

This may suit you if you are currently in employment and looking to develop your engineering skills further. It is also suitable for someone who has no formal engineering background and is looking to start a career in engineering.

WHAT COULD THIS QUALIFICATION LEAD TO?

- Will the qualification lead to employment, and if so, in which job role at which level?

It may lead to a variety of Engineering jobs roles including:

- CNC machine operator
 - Welder
 - Draughtsperson
 - Maintenance engineer.
 - Electronics technician
- Will the qualification support progression to further learning, if so, what to?

You could also progress onto an advanced apprenticeship in Engineering Manufacture or other qualifications such as:

- Level 3 Diploma in Engineering
 - Level 3 NVQ Diploma in Mechanical Manufacturing Engineering
 - Level 3 NVQ Diploma in Fabrication and Welding Engineering
 - Level 3 NVQ Diploma in Engineering Maintenance
- If there are larger and/or smaller versions of this qualification at the same Level, why should a learner take this particular one?

You may want to select this qualification over the Level 2 Certificate in Engineering as it offers you a longer programme enabling you to complete an additional optional unit. This may be of use where an employer wants a wide range of skills, an example would be as a maintenance engineer where skills in welding, machining and electrical/electronic equipment would be of use.

WHO SUPPORTS THIS QUALIFICATION?

The qualification is supported by the following Colleges of Further Education:

- Central Sussex College
- Great Yarmouth College
- Hartlepool College