Declared Purpose:

The following purpose is for the Level 1 Certificate in Engineering (QAN no: 600/0879/9)

<table>
<thead>
<tr>
<th><strong>Who is this qualification for?</strong></th>
<th>Learners aged 14-16 who want to pursue general education at school/college/other further education institution whilst learning introductory theory and practical activities of engineering.</th>
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</thead>
</table>
| **What will the student study as part of this qualification?** | The qualification has a mandatory subject: Working in engineering. Optional areas include  
  - carrying out basic fitting techniques  
  - carrying out mechanical assembly  
  - carrying out MIG welding processes  
  - carrying out mechanical maintenance  
  - communicating using Computer Aided Design (CAD) systems.  
  You will study both practical and theoretical aspects of engineering. |
| **What knowledge and skills will the student develop as part of this qualification and how might these be of use and value in further studies?** | The following knowledge and skills will be developed as part of the qualification:  
  - Health and Safety requirements within engineering and effective communication  
  - being able to use different types of machinery and hand tools  
  - maintenance of machine equipment  
  - being able to use different welding processes.  
  These skills and knowledge will be of value in further studies, progressing to an apprenticeship, or Level 2 specialist qualifications, or A levels, which can each help you to higher education. |
| **Which subjects will complement this course?** | A range of GCSEs including English and Mathematics, and others such as Physics and Chemistry. |

Further information can be found on our website and within the qualification handbook: