

Declared Purpose:

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

The qualification is a Technical Award for 14-16 year old learners.

Who is this qualification for?	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.
What will the student study as part of this qualification?	<p>The qualification has a mandatory subject: Working in engineering. Optional areas include</p> <ul style="list-style-type: none"> • 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. <p>You will study both practical and theoretical aspects of engineering.</p>
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?	<p>The following knowledge and skills will be developed as part of the qualification:</p> <ul style="list-style-type: none"> • 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. <p>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.</p>
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:

http://cdn.cityandguilds.com/ProductDocuments/Engineering/Mechanical/2850/2850_Level_1/Centre_documents/2850_QHB_L1_Cert-Engineering_v1-3.pdf