

## Declared Purpose:

*The following purpose is for the Level 2 Principal Learning in Engineering (QAN no: 600/6483/3)*

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

<b>Who is this qualification for?</b>	Learners aged 14-16 who want to combine general education with learning theory and practical activities related to the broad Engineering sector.
<b>What will the student study as part of this qualification?</b>	<p>The qualification includes eight mandatory subjects:</p> <ul style="list-style-type: none"> <li>• the engineered world</li> <li>• engineering design</li> <li>• engineering applications of computers</li> <li>• producing engineering solutions</li> <li>• construct electronic and electrical systems</li> <li>• manufacturing engineering</li> <li>• maintenance</li> <li>• innovation, enterprise and technological advance</li> </ul> <p>The personal, learning and thinking skills support your development in communication, being an independent learner, being creative, analysing your strengths and weaknesses, setting goals for yourself, and working in teams.</p> <p>You will study both practical and theoretical aspects of engineering.</p>
<b>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?</b>	<p>The following knowledge and skills will be developed as part of this qualification:</p> <ul style="list-style-type: none"> <li>• the sectors that make up engineering</li> <li>• researching and designing products</li> <li>• using hand, machine and computer controlled methods of manufacture</li> <li>• how electronic systems are used in engineering products.</li> </ul> <p>These skills and knowledge will be of value in further studies, including an apprenticeship, Level 3 specialist qualifications, or A levels, which can each help you to higher education.</p>
<b>Which subjects will complement this course?</b>	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/2760/2760\\_Level\\_2/Centre\\_documents/2760-02\\_L2\\_Engineering\\_Qualification\\_specification\\_v1.pdf](http://cdn.cityandguilds.com/ProductDocuments/Engineering/Mechanical/2760/2760_Level_2/Centre_documents/2760-02_L2_Engineering_Qualification_specification_v1.pdf)