

EAL Purpose Statement:

<p>Qualification Title:</p>	<p>6006867X EAL Level 2 First Certificate in Engineering Technology</p>
<p>Qualification Overview:</p>	<p>What is this qualification?</p> <p>The Level 2 First Certificate will give learners a broad introduction to the practices and processes of engineering technology, building on the knowledge, understanding and skills acquired at Level 1.</p> <p>It has been developed in consultation with schools, colleges, training associations and industry to ensure that they meet the needs of the engineering sector.</p> <p>Who is this qualification for?</p> <ul style="list-style-type: none"> • This qualification is predominantly for young people aged 14-16 in full time education who are interested in engineering and would like to acquire a basic level of knowledge and understanding about the engineering sector to complement other GCSE stem subjects e.g. maths or science. • The qualification is at least the size of one GCSE • The qualifications may also be suitable for other learners, including adults, who are interested in engineering technology and/or are considering a career change. • For some learners, the qualifications will offer progression from the EAL Level 1 Foundation Certificate in Engineering Technology. • Learners who are interested in engineering and would like to acquire a broader range of knowledge and understanding about the engineering sector may wish to consider the EAL Level 2 First Diploma in Engineering Technology. <p>What does the qualification cover?</p> <p>The qualification covers knowledge, understanding and skills that are relevant to a wide variety of careers and study routes and take a hands-on approach to basic engineering training by providing learners with:</p> <ul style="list-style-type: none"> • Experience and understanding of a range of potential careers in the engineering sector • Information that will help them make more informed decisions about their post-16 options • Personal skills to help them work effectively and achieve their potential • Transferable skills and skills that are not widely advanced through the traditional academic curriculum, which are applicable to a wide variety of contexts and learning objectives. <p>The qualification includes three shared mandatory core units and thirty one optional units, from which learners will select one unit.</p> <p>The mandatory units cover engineering environment awareness, engineering techniques and engineering principles. The optional units include topics such as: electrical and electronic engineering; fabrication and welding engineering; maintenance engineering; mechanical engineering; pipework systems mechanical engineering; refrigeration/air-conditioning equipment engineering; electrical/electronic security systems and devices engineering; and motor vehicle maintenance engineering.</p> <p>Assessment includes an externally set and marked examination, Centre marked practical and/or theory assessments, and a final cross-unit synoptic assessment.</p>

	<p>The qualification can be delivered in a school, college or other learning provider using a combination of practical workshops and theory sessions. They will compliment GCSEs and other relevant qualifications in subjects such as science, technology and mathematics, when offered as part of a Key Stage 4 learning programme.</p>
<p>What could this qualification lead to?</p>	<p>As indicated above, this qualification may offer progression from the Level 1 Certificate in Engineering Technology.</p> <p>When taken alongside other GCSEs, this qualification will fulfil entry requirements for a range of academic and vocational areas of study post-16. The qualifications are particularly relevant for learners who are interested in progressing to higher level engineering qualifications and apprenticeships, which will in turn provide them with a stepping stone into employment within the engineering sector.</p> <p>Qualifications that are particularly relevant in terms of progression include:</p> <ul style="list-style-type: none"> • EAL Level 3 Advanced Diploma in Engineering Technology • EAL Level 2 Intermediate Certificate in Electrical Installation (leading to the EAL Level 3 Advanced Diploma in Electrical Installation) • EAL Level 2 Intermediate Certificate in Plumbing (leading to the EAL Level 3 Advanced Diploma in Plumbing) <p>Other qualifications include:</p> <ul style="list-style-type: none"> • EAL Level 1 NVQ Certificate in Performing Engineering Operations (QCF) • EAL Level 2 NVQ Diploma in Performing Engineering Operations • EAL Level 2 Certificates and Diplomas in Engineering and Technology subjects, such as mechanical, electrical, welding, maintenance, and plumbing • Further EAL level 2 engineering and manufacturing competence qualifications <p>Apprenticeships are available for the following occupations:</p> <ul style="list-style-type: none"> • Aerospace engineering • Marine engineering • Mechanical engineering • Maintenance engineering • Fabrication and welding engineering • Sheet metalwork engineering • Automotive engineering • Pipework engineering • Electrical engineering • Electronics engineering • Design engineering
<p>Further information:</p>	<p>Further information can be obtained from the EAL Website or alternatively contact:</p> <p>EAL Customer Services Tel: +44 (0)1923 652400 Email: customercare@eal.org.uk</p>