

EAL Purpose Statement:

Qualification Title:	501/0386/6 EAL Level 1 Certificate in Engineering Technology
Qualification Overview:	<p>What is this qualification?</p> <p>The EAL Level 1 Certificate in Engineering Technology focuses on practical skills and knowledge. This ensures that when the learner completes the qualification they will have gained practical experience and some expectation of some of the situations that they could face in a job role within the engineering sector.</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. • The qualifications may also be suitable for other learners, including adults, who are interested in engineering technology and/or are considering a career change. • The qualification has been specifically designed to offer progression into the EAL Level 2 First Certificate and Level 2 First Diploma in Engineering Technology <p>What does the qualification cover?</p> <p>The qualification gives learners a broad introduction to the practices and processes of engineering technology. It covers basic knowledge, understanding and skills that are relevant to a wide variety of careers and study routes and takes 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 comprises one core mandatory unit, which provides learners with an introduction to working in the engineering sector, and 18 optional units, from which learners select three.</p> <p>Optional units cover a wide range of topics including: mechanical engineering materials; cutting, forming and assembling engineering materials; joining engineering materials; electronics; electrical installation; mechanical and electrical maintenance; computer maintenance; motor cycle maintenance; motor vehicle maintenance; cycle maintenance; automated technologies; basic maths and science used in engineering; working with customers; Computer Aided Drawing (CAD); Computer Aided Machining (CAM); engineering project planning; cutting, forming and assembly of pipework materials; cutting, jointing and finishing wood.</p> <p>The qualification can be delivered in a school, college or other learning provider using a combination of practical workshops and theory sessions. It 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>

What could this qualification lead to?	<p>The EAL Level 1 Certificate in Engineering Technology provides direct progression to the EAL Level 2 First Certificate and Level 2 First Diploma in Engineering Technology.</p> <p>The qualification also provides progression into the following engineering qualifications at level 1 and 2:</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
Further information:	<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>