EAL Purpose Statement:

Qualification Title:	**60068681 EAL Level 2 First Diploma in Engineering Technology**
Qualification Overview:	**What is this qualification?** The Level 2 First Diploma will provide learners with an opportunity to extend their Level 2 programme by allowing them to study additional topics that will help them make more informed choices about future progression, and by increasing their awareness and understanding of engineering should they wish to continue their studies in an engineering related subject. It has been developed in consultation with schools, colleges, training associations and industry to ensure that they meet the needs of the engineering sector. **Who is this qualification for?** • 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 broader range of knowledge and understanding about the engineering sector and to identify future subject specialisms. • Learners who are interested in engineering and would like to acquire a basic level of knowledge and understanding may wish to consider the EAL Level 2 First Certificate in Engineering Technology. • 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. • The qualification is at least the size of two GCSEs (minimum 240GLH) **What does the qualification cover?** 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: • 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. The qualification includes three shared mandatory core units and thirty one optional units, from which learners will select **three** units. 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.

	Assessment includes an externally set and marked examination, Centre marked practical and/or theory assessments, and a final cross-unit synoptic assessment. 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.
What could this qualification lead to?	As indicated above, this qualification may offer progression from the Level 1 Certificate in Engineering Technology. 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. Qualifications that are particularly relevant in terms of progression include: • 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) Other qualifications include: • 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 Apprenticeships are available for the following occupations: • 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
Further information:	**Further information can be obtained from the EAL Website or alternatively contact:** EAL Customer Services Tel: +44 (0)1923 652400 Email: customercare@eal.org.uk