

EAL Purpose Statement:

Qualification Title:	601/4566/3 EAL Level 2 First Diploma in Manufacturing Technologies
Qualification Overview:	<p>What is this qualification?</p> <p>The EAL First Diploma in Manufacturing Technologies is for 14-16 year-old learners in full-time education who are interested in a career in manufacturing. It is specifically designed for learners to follow in the first year of a full-time study programme, providing them with an opportunity to progress onto a level 3 Advanced Diploma in Manufacturing Technologies or to an apprenticeship. The qualification is suitable for those interested in working in one of many manufacturing environments, and includes the influences of sustainability, design and innovation on manufacturing technologies. The qualification is also suitable for adults interested in these industries or considering a career change.</p> <p>Who is this qualification for?</p> <p>There are no formal entry requirements for this qualification. However, learners must be at least 14 years of age and have the potential to achieve all aspects of the qualification. In particular, learners should be able to demonstrate that they have the minimum levels of literacy and numeracy required to comply with the health and safety aspects of the scheme, the completion of the learning outcomes, and the assessments.</p> <p>Some learners embarking onto this qualification may have completed a relevant level 1 and/or level 2 qualifications and will be looking to further develop their skills and knowledge in manufacturing as part of a generalised course of study at level 2.</p> <p>What does the qualification cover?</p> <p>The qualification provides learners with the practical hand skills required to manufacture products as well as knowledge of the immediate manufacturing environment and techniques designed to maximise productivity. It does not require evidence of occupational competence in the workplace but employers will be encouraged to contribute by setting work-based assignments, supporting mentoring processes, and assessing students' work in a simulated manufacturing environment.</p> <p>The qualification has SIX mandatory units. These cover the overarching knowledge and understanding that is required by someone aspiring to work in manufacturing industries, including:</p> <ul style="list-style-type: none"> • Understanding the manufacturing environment • Demonstrate hand skills in an manufacturing environment • Contribute to a manufacturing process • Problem solving in the workplace • Appraisals and target setting • Understand the relationship between design, sustainability and innovation to manufacturing technologies
What could this qualification lead to?	<p>The EAL Level 2 First Diploma in Manufacturing Technologies will provide a direct path into employment within sectors such as Manufacturing, Engineering and Design or on to</p>

	<p>further education in related engineering and technology subjects or other generic further education programmes. The qualification also gives learners an opportunity to progress onto the EAL Level 3 Advanced Diploma in Manufacturing Technologies which has routes to one of the following apprenticeships and/or Industry recognised qualifications at level 3:</p> <p>Apprenticeships:</p> <ul style="list-style-type: none">• Performing Manufacturing Operations• Performing Engineering Operations <p>Industry Recognised Qualifications:</p> <ul style="list-style-type: none">• EAL Level 3 Advanced Diploma in Manufacturing Technologies(QCF)• EAL Level 3 Certificate In Team Leadership in a Manufacturing Environment (QCF)• EAL Level 3 Diploma In Business-Improvement Techniques (QCF)
Who supports this qualification?	This qualification is supported by the Society of Operations Engineers (SOE) which is the professional body and Chartered Institute for those engaged in the Engineering industry.
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>