

EAL Purpose Statement:

<p>Qualification Title:</p>	<p>601/4565/1 EAL Level 3 Advanced Diploma in Manufacturing Technologies</p>
<p>Qualification Overview:</p>	<p>What is this qualification?</p> <p>The EAL Advanced Diploma in Manufacturing Technologies is for 16-19 year-old learners in full-time education who are considering in a career in manufacturing. It is specifically designed to allow progression into employment or an apprenticeship within sectors such as Manufacturing, Engineering and Design or on to higher education in related engineering and technology subjects or other generic higher education programmes. 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 production 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 16 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 2 qualification and will be looking to further develop their skills and knowledge in manufacturing as part of a more specialised course of study at level 3</p> <p>What does the qualification cover?</p> <p>The qualification has THREE 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 wider importance of manufacturing • Contribute to the safety and efficiency of a manufacturing process • Understand the application of production improvement techniques <p>The three optional units are included to allow the understanding of the specialisms required by manufacturing industries. ONE of the three optional units must be achieved. The optional units are:</p> <ul style="list-style-type: none"> • Understanding creativity and design for manufacture • Understanding manufacturing for the environment • Understanding adding value to manufacturing through innovation
<p>What could this qualification lead to?</p>	<p>The EAL Level 3 Advanced Diploma in Manufacturing Technologies will provide direct progression into employment within sectors such as Manufacturing, Engineering and Design or on to higher education in related engineering and technology subjects or other</p>

	<p>generic higher education programmes. The qualification will also prepare learners to progress to one of the following apprenticeships and/or Industry recognised qualifications at level 3 or 4:</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 Diploma In Business-Improvement Techniques (QCF) • EAL Level 3 Certificate In Team Leadership in a Manufacturing Environment (QCF) • EAL Level 4 Certificate In Group Leadership in a Manufacturing Environment (QCF) • EAL Level 4 NVQ Diploma in Engineering Manufacture (QCF) • EAL Level 4 NVQ Extended Diploma in Engineering Manufacture (QCF)
<p>Who supports this qualification?</p>	<p>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.</p>
<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>