

EAL Purpose Statement:

Qualification Title:	600/9576/3 Level 4 NVQ Extended Diploma in Engineering Manufacture (QCF)
Qualification Overview:	<p>This qualification is a National Vocational Qualification (NVQ). It provides learners with the skills and knowledge needed for engineering manufacturing including the ability to organise work, and to identify and prevent problems.</p> <p>The qualification will feature in the updated Higher Apprenticeship for Engineering.</p> <p>NVQs are based on National Occupational Standards (NOS), which the learner must meet to be competent in a particular task. The achievement of NVQs will encourage an employee to value their contribution to the workplace, and it will develop their skills and potential within the engineering manufacturing field.</p> <p>What does this qualification cover?</p> <p>The skills and knowledge in one or more of a wide variety of engineering manufacturing activities including:</p> <ul style="list-style-type: none"> • performing engineering operations • research • design • new product development and introduction • engineering and manufacture • council for administration • business improvement techniques. • It is accredited by Ofqual at QCF Level four. <p>Who could take this qualification? OR who is this qualification designed for?</p> <ul style="list-style-type: none"> • Apprentices working towards a Higher Apprenticeship in Manufacturing and Engineering • Workers who are building on their craft based expertise by taking on a technical leadership role • Those working in an engineering environment and would like recognition of their competence in a wide variety of engineering manufacture leadership activities, or a Level 4 qualification. <p>It is suitable for learners aged:</p> <ul style="list-style-type: none"> • 16-18 • 19+
What could this qualification lead to?	<p>Typical job roles include:</p> <ul style="list-style-type: none"> • Electrical/Electronic engineering senior technician • Software engineering senior technician • Systems engineering senior technician • Manufacturing senior technician • Senior quality technician • Senior design technician • Control and instrumentation senior technician • Computer Aided Design (CAD) senior technician

	<ul style="list-style-type: none">• Technical Sales specialist• Process senior technician <p>This qualification relates to the following EAL qualifications:</p> <ul style="list-style-type: none">• EAL Level 4 NVQ Diploma in Business Improvement techniques,• EAL Level 5 NVQ Diploma in Management• EAL Level 7 NVQ Diploma in Management. <p>Apprenticeships: This qualification forms part of the Semta Higher Apprenticeship in Advanced Manufacturing Engineering Level 4 apprenticeship framework.</p>
Who supports this qualification?	The qualification is supported by The Society of Operations Engineers (SOE).