

## EAL Purpose Statement:

<b>Qualification Title:</b>	<b>600/1701/6 EAL Level 3 NVQ Extended Diploma in Mechanical Manufacturing Engineering (QCF)</b>
<b>Qualification Overview:</b>	<p>This qualification is designed to cover the skills and knowledge of a wide variety of mechanical manufacturing engineering activities. It also includes level 2 Performing Engineering Operations (PEO) units to provide essential basic engineering training for apprentices in England and Wales. Successful learners will:</p> <ul style="list-style-type: none"> <li>• Develop skills and competencies relating to their specific role</li> <li>• Meet the competence requirements of Semta’s engineering manufacture Apprenticeship at level 3 for the mechanical manufacturing engineering pathway</li> <li>• Gain a recognised qualification to support their progress to further learning and greater responsibility in the workplace.</li> </ul> <p><b>What does this qualification cover?</b></p> <ul style="list-style-type: none"> <li>• Learners will take three mandatory units, a choice of three PEO engineering practices or five PEO technical support units, and one of nine job-specific pathways.</li> <li>• These pathways cover machining, CNC machining, machine tool setting, fitting and assembly, pipe fitting and assembly, composite manufacture engineering, mechanical overhaul and test, spring making and photonics engineering.</li> <li>• It is accredited by Ofqual at QCF Level three.</li> </ul> <p><b>Who could take this qualification? OR who is this qualification designed for?</b></p> <ul style="list-style-type: none"> <li>• Learners working towards an engineering manufacture Apprenticeship at level 3 in England or Wales</li> </ul> <p>It is suitable for learners aged:</p> <ul style="list-style-type: none"> <li>• 16-18</li> <li>• 19+</li> </ul>
<b>What could this qualification lead to?</b>	<p><b>Typical job roles include:</b></p> <p>Engineering craft/CNC machinist, manufacturing production planner, mechanical engineer, mechanical engineering technician, plastics process operative, production engineer</p> <p>This qualification relates to the following EAL qualifications:</p> <ul style="list-style-type: none"> <li>• EAL Level 3 NVQ Extended Diploma in Engineering Leadership (QCF),</li> <li>• EAL Certificates and Diplomas in Engineering Technology</li> <li>• EAL qualifications in Business-Improvement Techniques</li> </ul> <p><b>Apprenticeships:</b></p> <p>This qualification forms part of the Engineering Manufacture apprenticeship frameworks.</p>
<b>Who supports this qualification?</b>	<p>The qualification is supported by the Engineering Council, and recognised by the Institute of Mechanical Engineers (IMechE) and Nuclear Institute for EngTech status.</p>