

### EAL Purpose Statement:

<b>Qualification Title:</b>	<b>600/8284/7 EAL Level 3 NVQ Extended Diploma in Composite Engineering (QCF)</b>
<b>Qualification Overview:</b>	<p>This qualification is a National Vocational Qualification (NVQ) based on the Composite Engineering national occupational standards developed by Semta, the Sector Skills Council for the science, engineering and manufacturing technologies. The qualification is about occupational competence and involves the skills and knowledge needed to be able to produce composite mouldings and carry out a range of composite engineering related activities.</p> <p>This Extended Diploma is comprised of a Level 3 qualification extended by the inclusion of technically specific units from the Level 2 Performing Engineering Operations (PEO) qualification to provide the essential basic engineering training needed for apprentices undertaking the qualification.</p> <p><b>What does this qualification cover?</b></p> <p>The qualification covers the skills and knowledge of a wide variety of composite engineering manufacturing activities such as producing, assembling, installing and repairing composite mouldings.</p> <p>It is accredited by Ofqual at QCF Level 3.</p> <p><b>Who could take this qualification? OR who is this qualification designed for?</b></p> <p>The qualification has been designed for those involved in composite engineering manufacturing activities and may typically be responsible for the day-to-day running of equipment, and for the quality of work and are also capable of monitoring and controlling equipment and quality. They will also be able to exercise some judgement and decision making about the manufacturing process.</p> <p>It is suitable for those 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>Composite Fitter, Composite Laminator, Composite Machinist, Composite Technician, Composite Manufacturing Engineer, Composite Process Engineer.</p> <p>This qualification relates to the following EAL qualification: EAL Level 3 NVQ Diploma in Mechanical Manufacturing Engineering</p> <p><b>Apprenticeships:</b></p> <p>The qualification provides progression opportunities for those seeking to enter into an apprenticeship and has been included in the Semta Apprenticeship Framework: Improving Operational Performance (England).</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) for Engineering Technician (EngTech) status.</p>