



POLYMER

Composite Fabrication

The polymer composite fabrication industry operates in a competitive and challenging environment. The finished fabrications have to respond to a wide variety of exacting consumer requirements. In addition, the industry has to respond to international competition and ongoing development of new products as a result of changing customer needs and environmental issues.

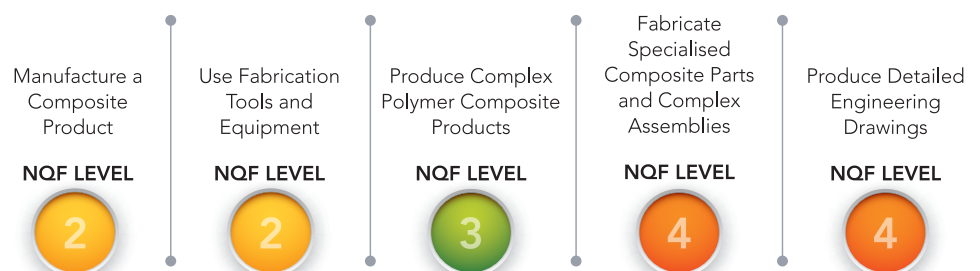
The fabrication of composites requires the combination of two or more different materials to form a product. What makes them unique is that a composite material is formed at the same time as the structure itself is being fabricated. This means that the person making the structure is creating the properties of the resultant composite material, and so the manufacturing processes used have a critical part to play in determining the performance of this structure.

Composite materials are used in aircraft parts, canopies and vehicle bodies, chemical plant tanks, pressure vessels, reactor bodies, material handling, pipes, valves and flow control, boats, yachts and ships; decorative panels, roof sheets and structures; distribution boxes, machine parts and covers.

Our programmes will ensure that the learner gains an understanding of material needs analyses, planning and sequencing activities, monitoring and maintenance of quality and the verification of conformance of completed components, assemblies and understanding of the different properties of the various materials.

The National Certificate in Polymer Composite Fabrication NQF Level 2 is the first qualification of a series on a career path involving Polymer Composite Fabrication processes. The qualifications reflect the skills, knowledge and values required by learners to participate effectively in the Polymer Composite Fabrication industry, whether in micro, small, medium or large organisations.

We offer the following programmes in Polymer Composite Fabrication:



These programmes are offered as part of the Polymer Composite Fabrication Learnership towards the National Certificate Polymer Composite Fabrication NQF 2, 3 and 4.

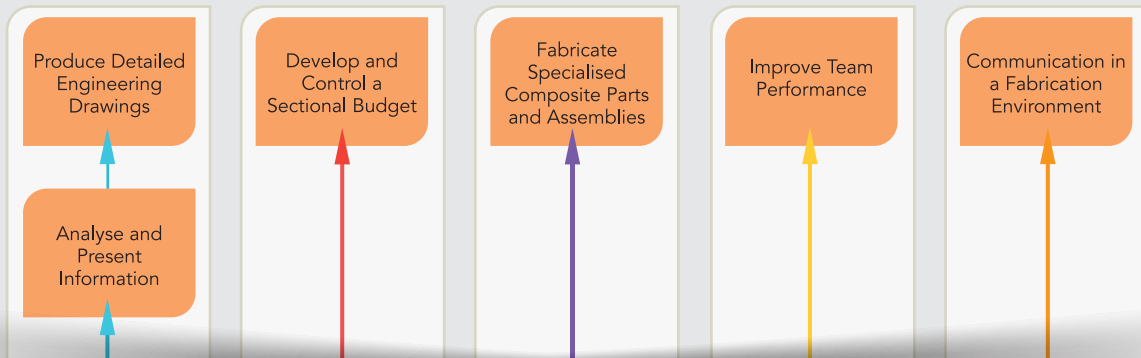
CUSTOMISED LEARNING PROGRAMMES

Every business is different and one-size-fits-all training programmes may be problematic for the unique needs of your organisation. Customised training provides practical and professional training options aligned with your organisation's mission, values and goals.

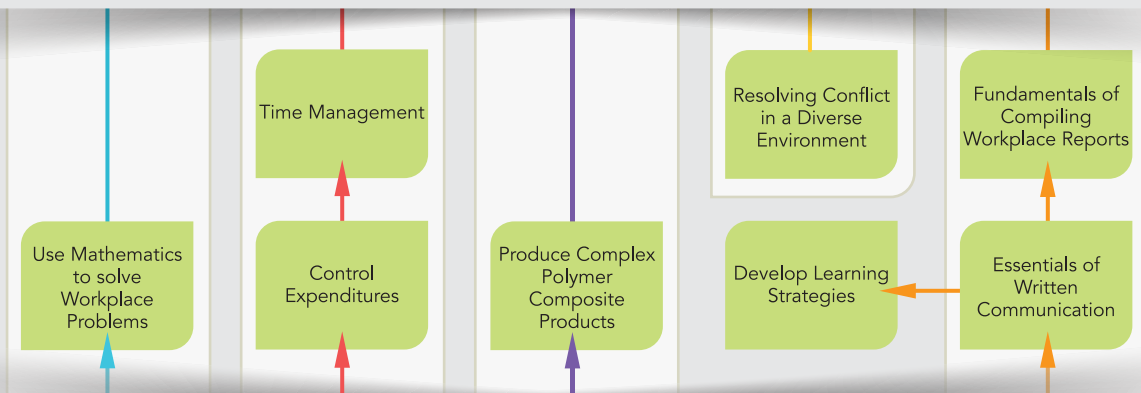
CONSULTING

Our expert training consultants and our experienced Subject Matter Experts are available to troubleshoot and provide you with the best solution to your productivity frustrations. Don't battle it out on your own – give the experts at Plastics|SA a call.

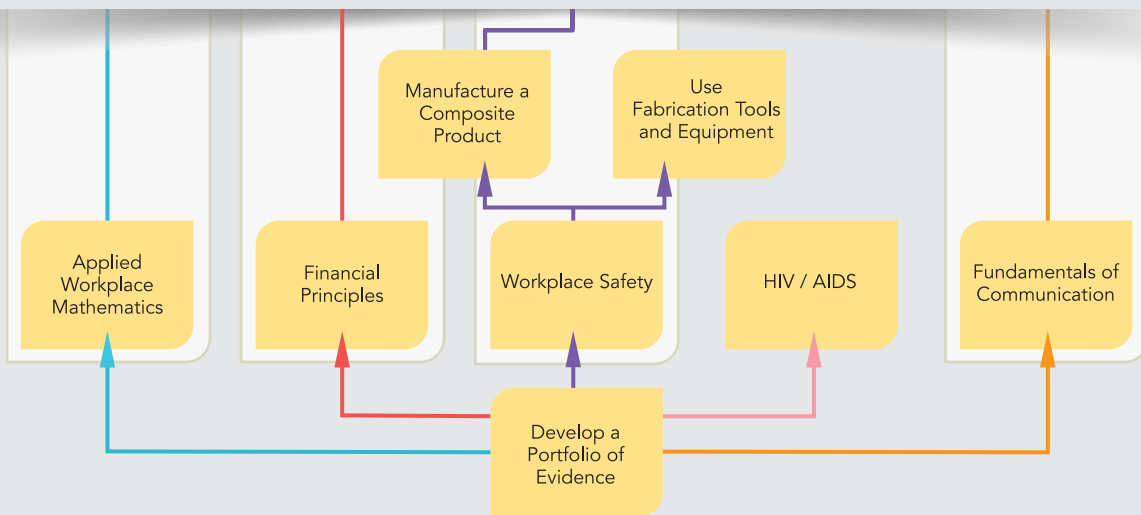
Polymer Composite Fabrication



It is recommended that all learning programmes on the level below be completed before the learner moves to the next level. It is possible to progress only with the fabrication learning programmes.



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START YOUR TRAINING HERE

Arrows indicate next step in training as well as the prerequisites for each learning programme



Learner is awarded a **NATIONAL CERTIFICATE** in Polymer Composite Fabrication when competent on each NQF Level



NQF LEVEL
4



NQF LEVEL
3



NQF LEVEL
2

