

COMPOSITE PRODUCT LIFECYCLE

Overview	The module covers the key aspects from what is a composite material and what are they made from. It also goes through a typical component lifecycle from design through manufacturing and to testing. The module would suit someone with an engineering or technical background looking to understand the process of designing and making composites. Also suitable for advanced technicians, engineers and technical managers.
Outcomes	At the end of this module, you should be able to: <ul style="list-style-type: none"> • Define what a composite is • Name the two key parts of a composite • Name three different materials and manufacturing techniques • Name and explain the activities of the eight key steps to a composite lifecycle • Compare the four different types of engineers used in a composite lifecycle.
Hours	10 hours
How will the module be taught?	Blended learning (online and physically delivered in a classroom)
Delivery	2 hours self-paced online, can be started from point of registration onwards and must be completed before the onsite session 8-hour session at the National Composite Centre including both theory and practical sessions
Delivery dates	Options: A 18/11/21 B 09/12/21 C 20/01/22 D 10/02/22 E 07/03/22
Delivery location	Online self-paced and at the National Composite Centre
Course Leader	Andy Sutton - Engineering Capability Lead for the technical training department at the NCC. 8 years' experience in composites ranging across marine, naval, motorsport (including F1), aerospace and sporting goods.