

22312VIC Course in the Use of Carbon Fibre in Composite Manufacturing



An industry-endorsed training program

This Australian-first Course in the Use of Carbon Fibre in Composite Manufacturing continues to be offered to participants in Geelong.

Delivered by The Gordon and developed with input from local industry groups, the course will provide participants with enhanced skills and techniques to be used in the field of composite materials focusing on carbon fibre and the use of carbon fibre in composite manufacturing.

Course Overview

2 days per week over 7 weeks including:

- Face to face instruction
- Hands-on practical training
- Online learning components (approx. 80 hours over the course).

Information sessions

Tues 27 June, 10.00am and 5.30pm

H Building, Room H1.02

Course commences 19 July 2017

Units of competency

Participants will undertake training in the following four accredited Units of Competency:

- VU21860 Apply the principles of using carbon fibres composites in manufacturing products
- VU21861 Investigate carbon fibre composite processes and terminology
- VU21862 Employ basic chemistry knowledge in the use of a polymer matrix
- VU21863 Optimise carbon fibre composite processing applications.

On successful completion of the program learners will receive a Statement of Attainment issued by The Gordon for the **22312VIC Course in the Use of Carbon Fibre in Composite Manufacturing.**

Highlights

- The course was delivered twice in 2016 with very positive employment outcomes
- The practical component of the course will be delivered on-site at The Gordon East Campus from 2017.

Course outcomes

Participants in the course will have the opportunity to gain skills and knowledge focused on the different processes used for the manufacture of products using carbon fibres, including moulding processes using vacuum and pressure assisted techniques for the manufacture of composite components.

The course will cover basic chemistry involved in the development of polymer matrices as well as workplace health and safety effects of working with carbon fibre composites and waste disposal issues. Participants will also gain an understanding of variables contributing to quality control during the manufacture of products using carbon fibre.

Further information

For further information contact

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