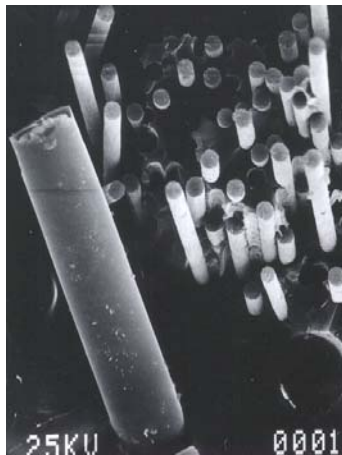


UNIVERSITY OF **PLYMOUTH**



ADVANCED COMPOSITES MANUFACTURING CENTRE



**SHORT COURSE & SEMINAR
PROGRAMME 2002**

www.plymouth.ac.uk/acmc



SHORT COURSE & SEMINAR PROGRAMME 2002

All ACMC's short courses are aimed primarily at industry engineers and technical staff. They provide a solid grounding in both the principles and practice of composites manufacturing technology, with an emphasis on practical demonstrations and applications. Most courses include contributions from industry speakers.

RESIN INFUSION 25-27 March 2002

This technology (also known as RIFT, VARI and SCRIMP™) is finding increasing application throughout the composites industry. The course will be relevant to manufacturers and specifiers in both reinforced plastics/GRP and 'advanced' composites, as resin infusion offers improvements in H&S, higher quality and reduced waste.

COURSE FEE £645

SMALL CRAFT SURVEYING 9-12 April 2002

A vocational course for small craft surveyors to take a comprehensive, multi-disciplinary approach to small craft surveying. Survey techniques & equipment will be reviewed.

COURSE FEE £545

VACUUM BAG PROCESSES 14-16 May 2002

The course offers a detailed study of the range of composites manufacturing processes which involve vacuum consolidation. This includes wet lay up, prepreg and resin film infusion. The emphasis is on increasing participants' knowledge of currently used materials, and enhancing their practical skills. The course has been run successfully for several aerospace contractors in recent years.

COURSE FEE £645

PROTECTIVE PAINTS & COATINGS FOR INDUSTRIAL & MARINE APPLICATIONS 20-23 May 2002

This professional level course outlines the science and technology of anti fouling protection of marine structures and ships, and includes the corrosion protection painting and coating of land based and marine steel structures. Speakers from industry, who are leaders in their field, will deliver the course, with the background science provided by lecturers from the University.

COURSE FEE £545

“
Brilliant. Very happy to source this course and be able to attend. Very useful.”



ACMC FIRST ANNUAL SEMINAR 12 June 2002

Celebrating ACMC's 15th anniversary, this seminar will give industrialists & academics the opportunity to discuss the latest developments in composites technology.

SEMINAR FEE £85

INTRODUCTION TO COMPOSITES MANUFACTURE

25-28 June 2002 & 10-13 Sept. 2002

Aimed at individuals new to the industry, the course provides a broad introduction to manufacture with thermosetting polymer composites. It enables delegates to gain an overview of manufacturing options, and to appreciate the full product cycle, from design, through production to testing.

COURSE FEE £775

DESIGN WITH COMPOSITE MATERIALS

17-18 July 2002

An introduction to property prediction and measurement, laminate analysis, structural calculations and the application of design codes. Some previous experience of engineering mechanics would be an advantage, but is not essential.

COURSE FEE £445

RESIN TRANSFER MOULDING 5-7 Nov. 2002

RTM is now a mature processing technology, but a knowledge of many interacting factors such as mould tool design, materials selection and process control, is necessary for its successful implementation. The course includes the basic theoretical principles of resin flow, as well as case studies and applications.

COURSE FEE £645

FEES

Course fees include the Course Dinner, refreshments, lunches and Course Manual. Accommodation is not included in the fee, however the Short Course Unit can recommend good local hotels where a discount has been negotiated.

GRANT ASSISTANCE OF UP TO 50% MAY BE AVAILABLE FROM SOUTHWEST TRAINING AGENCIES - CONTACT ACMC FOR DETAILS.

BESPOKE TRAINING

ACMC can also provide bespoke training for your company, either at Plymouth, or your own premises, for up to 15 people. ACMC has run tailored courses for boatbuilders and several aerospace companies.



“

A very good introduction to composites. It involved the correct mixture of theory and practice.

”



TO **APPLY...**

BOOKING & ENQUIRIES

Contact the Short Course Unit:

PHONE: +44 (0)1752 233304
FAX: +44 (0)1752 233310
EMAIL: scunit@plymouth.ac.uk

ADDRESS: The Science & Technology Short Course Unit
Faculty of Technology
University of Plymouth
Drake Circus
Plymouth
PL4 8AA
UK

TECHNICAL INFORMATION

Contact the ACMC office:

PHONE: +44 (0)1752 232651
FAX: +44 (0)1752 232705
EMAIL: acmc@plymouth.ac.uk

ADDRESS: ACMC
Dept. of Mechanical & Marine Engineering
University of Plymouth
Drake Circus
Plymouth
PL4 8AA
UK

ON LINE INFORMATION

Full course details & registration forms can be found on the ACMC web site.
www.plymouth.ac.uk/acmc

