



Composites: High-performance solutions

At AIMPLAS, we use our wide range of technical knowledge to respond to the specific needs of your company through tailor-made courses. The content of one course can be combined with others, and we can even propose new content by creating courses adapted to your company's specific requirements.

Our courses stand out for their flexibility in terms of dates and scheduling, location (at the company or AIMPLAS), format (face to face, videoconference or blended) and the option of adapting the teaching materials.

Request an estimate and our technical training staff will contact you.

Objectives

- The main objective of this course is to learn about the different kinds of raw materials available and the most suitable transformation methods to produce cost-effective high-quality composites
- To acquire knowledge on composites; raw materials employed and main advantages over other materials
- To learn about different production methods
- To become familiar with quality control required for raw materials and finished products
- To select suitable raw materials for each application
- To study examples of specific applications in different sectors

Programme

COMPOSITES: RAW MATERIALS AND THE FINAL PRODUCT

TRANSFORMATION PROCESSES

WORKING CONDITIONS

PRACTICAL SESSIONS AT THE PILOT PLANT

- > The properties of composite materials
 - > Hand lay-up
 - > Spraying
 - > Resin-transfer processes (infusion, Light RTM and RTM)
 - > Pultrusion
 - > SMC/BMC
 - > Filament winding
 - > Safety and health
 - > Environmental aspects
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Methodology

- > We help you to set up a tailor-made course adapted to the real needs of your company.
 - > We will advise you to draw up the contents for the best possible training with the optimum duration.
 - > In addition, the course can be carried out face to face, at the AIMPLAS facilities or at your company, by videoconference, online or, if you prefer, in combination.
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Organized by:

