

INTRODUCTION TO THERMOPLASTIC COMPOSITES COURSE

COURSE CONTENT

The typical features of thermoplastic composites will be explained and the participants are introduced to processing technologies during hands-on lab work involving consolidation techniques, press forming, laser-assisted tape placement, welding, mechanical testing and non-destructive testing.

During the course the participants will get answers to the following questions:

- What are thermoplastic composites?
- Why use thermoplastic composites?
- How to process thermoplastic composites?
- How to apply thermoplastic composites?



WHO SHOULD PARTICIPATE?

The course aims at entry level participants and is well-suited for development engineers who are considering future application of thermoplastic composites. A background in composites is not needed, however basic knowledge in materials and/or production engineering is advantageous.

PRICING AND VENUE

The fee for participation in this 2-day course is including course materials, lunches, drinks and a dinner. The course will take place in the lecture room and the lab facility of TPRC.

Day 1:

Morning session

Welcome and introduction
ThermoPlastic Composites (TPC's)

Afternoon session

Practical session 1
Properties of TPC's

Day 2:

Morning session

Processing of TPC's
Practical session 2

Afternoon session

Virtual forming of TPC's
Design and applications of TPC's

MORE INFORMATION

If you are interested in the Introduction to Thermoplastic Composites course, please contact Sebastiaan Wijskamp, Technical Director (training@tprc.nl).

Tailored courses on specific topics are available upon request. Feel free to contact us for more information.