

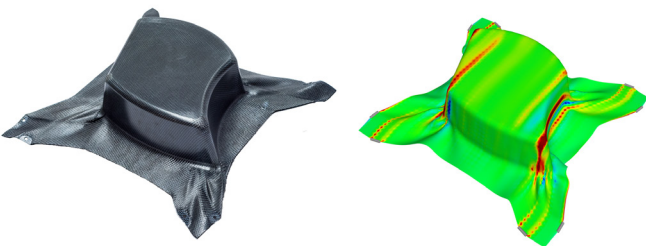
# ADVANCED FORMING OF THERMOPLASTIC COMPOSITES COURSE

## COURSE CONTENT

The course offers knowledge on the press-forming process of thermoplastic composites. During this two-day event the ins and outs of the press-forming technology are presented.

The classroom sessions and the practical lab exercises elaborate on the following topics:

- Process parameter selection based on material properties
- Effects of tool design on manufacturability and part quality
- Influence of blank handling systems on formability
- The cause of process induced defects
- The use of predictive process simulation tools



## WHO SHOULD PARTICIPATE?

The course aims at advanced level participants and is well-suited for engineers who are considering future application of thermoplastic composites and forming processes. Prior knowledge of the field of thermoplastic composites, a degree in mechanical engineering or another engineering study 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  
Principles of forming

#### Afternoon session

Practical session 1  
Virtual forming

### Day 2:

#### Morning session

Practical session 2  
Bias-extension testing and press forming

#### Afternoon session

Effects on quality and process

## MORE INFORMATION

If you are interested in the Advanced Forming of Thermoplastic Composites course, please contact Sebastiaan Wijskamp, Technical Director ([training@tprc.nl](mailto:training@tprc.nl)).

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