



FRP Process for the Manager

May 22-24, 2018



Leveraging both Open and Closed Mold Processes for Production Success

LOCATION

Polynt Composites Application Center*
821 East 16th Avenue
North Kansas City, MO 64116

*This unique 16,000 sq ft facility offers a stadium-style auditorium and a large composites production area for demonstrations and hands-on workshops.

SCHEDULE

Tuesday May 22

7:30 Doors Open
8:00 Welcome
4:45 Finish

Wednesday May 23

7:30 Doors Open
8:00 Start
4:30 Finish

Thursday May 24

8:00 Doors Open
8:30 Start
11:30 Finish

NO COURSE FEES TO ATTEND

WHO SHOULD ATTEND

Composite fabricators in:

- Architecture
- Construction
- Boat Building
- Infrastructure
- Transportation

- Supervisors
- Managers
- Material Managers
- Engineers
- Designers

And anyone interested in understanding composite fabrication

WHAT WILL BE COVERED

- Materials for open and closed molding
- Spray equipment set-up and troubleshooting
- Hands-on lamination workshops
- Vacuum infusion materials and process
- LRTM demonstration
- Construction of reusable silicone bags

COURSE DESCRIPTION

This two and a half day course is designed to introduce and expand on a working knowledge of open and closed mold composites fabrication processes. Polynt-Reichhold, Composites One and other industry experts will offer practical tips and techniques for improved processing and building better quality parts. Workshops will consist of brief classroom sessions followed by demonstrations and HANDS-ON opportunities.

Open Mold Workshop

Instruction will be provided on key aspects of the open mold process including material considerations; spray equipment set-up, maintenance and monitoring; lamination hand tools; effects of varying ambient conditions and trouble shooting. Attendees will participate in demonstrations and hands on fabrication of actual parts .

Note: Hands-on activities may require the use of a respirator. Participants should furnish their own if possible. Fit testing and respirators may be available for a nominal fee.

Closed Mold Workshop

Training and demonstrations on vacuum infusion, Reusable Silicone Bag Molding (RSBM) and Light Resin Transfer Molding (LRTM). We will also demonstrate how to build a reusable silicone vacuum bag. An overview of how to transition from open molding to closed molding will be provided, along with information on materials specifically designed for closed molding.

Additional Hands-On Opportunity

On the final ½ day of the course Polynt's Applications Center composites production area will be open to attendees for individualized hands on instruction. Available upon request only. Contact Polynt at the phone number or email below to make arrangements.

Registration Link [Here](#)

For more information, contact Polynt at (816) 391-6146 or PCAC.US@polynt.com