

Composites One and The Closed Mold Alliance Present Advances in Infusion Technology



People • Product • Process • Performance

Tuesday, June 9th

**Hosted by Scout Boats
2531 US-78, Summerville, SC 29483**

Who should attend?

Boatbuilders, Composites Fabricators, Fiberglass Shops, Architectural Parts, Military Contractors, Infrastructure Repair, Aftermarket Automotive, Racing, Aerospace, etc.

Advances in Infusion Technology is a one day course designed to expand on a working knowledge of Vacuum Infusion Principles(VIP). Other subjects include Best Practices for Production and a Survey of Advanced Materials and Process Technologies for VIP. This training is intended for those already familiar with basic techniques in VIP. Both Carbon Fiber Prepreg and other out of autoclave processes will be featured during this session. The workshop is sponsored in partnership with Composites One and the Vendor members of the Closed Mold Alliance. Technical Support Managers from Composites One will be joined by several industry experts for both classroom and hands-on demonstrations.



Hurry! Limited number of spaces available!

Register online by visiting www.goo.gl/forms/OfKqqVtB4K

Or fax your registration details to 847-437-0664,

Attention Rachel Stone to save your spot.

Hotel:

Hampton Inn & Suites North Charleston-University Boulevard

2688 Fernwood Dr.

Charleston, SC 29406

(843) 735-7500

----- WORKSHOP AGENDA ITEMS -----

Principles of Vacuum Infusion

- Infusion Background
- Infusion Theory
- Internal vs External Flow
- Flow Rate Analysis

Materials for VIP

- Resins for VIP
- Fabric Selection for Flow
- Core Finishing for VIP
- Cosmetics and Surface Finish Strategies

Manifold Options

- Vacuum Bagging Techniques
- Infusing Basic Shapes
- Troubleshooting • Hull Infusion

Setting Up the VIP Production Shop

- Vacuum Tight Tooling
- Prerelease
- Vacuum Pump Choices
- Resin Delivery for VIP

Demo and Hands On Sessions

- Vacuum Proofing Molds
- Flow Rate Analysis
- Manifold Designs on Small Hull Mold
- Live Production on Scout Hard Top
- View Live Setup of 42 Hull

----- VENDORS -----

Vectorply • 3A Baltek • Airtec • Huntsman • Ashland

MVP • Polynt • Ubique • Chemtrend • Axiom