

REGISTRATION FORM

Vacuum Infusion Training

Course dates
5-8 November

Duration
4-Days

Location
Desoto, TX

Course starts on Monday.
Course times are 9:00 am to 5:00 pm.
Lunch is provided each day

Infusion has been rapidly adopted by many of the world's leading composite manufacturing companies in the marine, wind energy and public transportation markets. With infusion, emission problems are a thing of the past, at the same time, productivity and quality are significantly improved.

Who should attend?

The course is designed for laminators, engineers, designers and managers who are involved in the design, fabrication, feasibility, testing, and inspection of composite products. Previous experience in composite materials and fabrication and some knowledge of resin systems is a prerequisite.

Course Structure

This 4 day course covers everything from the basics of setting up an infusion to advanced manifold design. The first portion of the course introduces students to the benefits of closed molding using vacuum infusion processing. This part of the course gives a strong and meaningful overview of all areas of vacuum infusion. Hands-on training includes set up and infusion of a 13 foot boat hull, complete with stiffeners. The latter part of the course will have participants working together placing materials and designing an infusion strategy for a complex deck. All participants will have a high degree of practical participation and be able to confidently plan and undertake the infusion of more complex parts back in their own environment.

Topics Covered

- Infusion background & theory
- Raw materials - how to choose & evaluate
- Consumables - what can & can't be used
- Correct equipment - how to set up & test
- Infusion manifold options
- Infusing basic shapes
- Resin flow test
- Laminate design for infusion
- Best practices
- Advanced infusion theory
- Optimize materials for infusion
- Vacuum bagging technique
- Infusing complex shapes and laminates
- Surface finish & print-through
- Resin & laminate weight calculation
- Repairing infused laminates
- Troubleshooting

Location

The courses are held at CCG's training facility in Desoto, TX. This purpose-designed facility comprises a lecture room, composite molding area, resin laboratory, reinforcement kitting area, machine shop and testing unit. We can also conduct the training anywhere in North or South America, or at the customer's venue, if requested.

Enrollment

The number of people attending any course is restricted in order that everyone receives individual attention. Enrollments are taken on a first come, first served basis- so book early to avoid disappointment!

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Instructors

The courses are presented by members of the CCG team. CCG has long term experience and intimate knowledge of vacuum infusion processing, sandwich composites and their application. They are involved on a daily basis with composite/FRP manufacturing companies in such industries as marine, transport, aerospace and wind energy. They have been heavily involved in infusion projects throughout the world with part sizes ranging from 20 ft fishing boats to 155 ft mega-yachts.

Visit infusiontraining.com to register online

CCG Composite Infusion Training Course Registration Form

5-8 November

NAME:	<input type="text"/>		
JOB TITLE:	<input type="text"/>		
COMPANY NAME:	<input type="text"/>		
ADDRESS:	<input type="text"/>		
POSTCODE AND PLACE:	<input type="text"/>		
PHONE NUMBER:	<input type="text"/>	E-MAIL:	<input type="text"/>
CREDIT CARD TYPE:	<input type="text"/>	CREDITE CARD NUMBER:	<input type="text"/>
SECURITY CODE:	<input type="text"/>	EXPIRATION DATE (MM/YY):	<input type="text"/>
CARDHOLDER NAME:	<input type="text"/>	BILLING ADDRESS:	<input type="text"/>
CITY:	<input type="text"/>	STATE:	<input type="text"/>
ZIP:	<input type="text"/>	AUTHORIZING SIGNATURE:	<input type="text"/>

Course Name	Course Date	Fee
<input type="checkbox"/> Vacuum Infusion Training	November 5-8	USD 1800
<input type="checkbox"/> Flow Model Analysis (4 hours)	Friday morning of course week	USD 750

Ask about our group discounts

Please send the completed form with payment to:
Diab Americas LP, Attn.: Carla Meadows, 315 Seahawk Drive, DeSoto, TX75115 or by email to:
carla.meadows@us.diabgroup.com.
You can also register online at: infusiontraining.com or register by phone with Carla Meadows at 972-228-7694.
Please note that all course fees must be paid before the start of the course.