

VACUUM INFUSION TRAINING COURSE

2018 DATE November 5-8

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

Visit infusiontraining.com to register online

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!

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, transportation, 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.

CCG Composite Infusion Training Course Registration Form

Participant Contact Information

Title	First Name	Last Name	
Company Name			
Address			
Telephone	Mobile	Email	
Credit Card Type	Credit Card Number	Security Code	
Expiration Date (MM/YY)	Cardholder Name	Billing Address	
City	State	ZIP	Authorizing Signature
Course Name	Course Date	Fee	Check Choice(s)
Composite Infusion Training	Mar 5 - 8	USD 1800	
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 Dr, DeSoto, TX 75115; by fax to 972-224-9005; online at www.infusiontraining.com or register by phone with Carla Meadows at 972-228-7694. Any inquiries may also be sent to: info@infusiontraining.com. Please note that all course fees must be paid before the start of the course.