



FIBERGLASS TRAINING

August 2-3, 2022

Cadillac, MI

DEADLINE: June 1

(after this date more than 2 employees will be allowed per MBIA members)

Fiberglass Repair and Refinish Training

- Instructed by Andrew Pokelwaldt, American Composites Manufactures Association
- Book and Handouts included in training
- **Date/Hours:** Tuesday, Aug. 2: 9am-4pm and Wednesday, Aug. 3: 8am-Noon
- **Location:** Group Beneteau 925 Frisbie St, Cadillac, MI 49601 | Phone: (231) 775-1351
- Upon completion of the course, attendees will receive a Certificate of Composite Finishing and Repair
- Participants of all levels of expertise are welcome to attend
- There will be 60% hands on, 40% classroom instruction with a maximum of 20 attendees.
- **Attendees must bring their own PPE** (Safety Glasses and shop clothes) and bring a DA Sander, if available, for hands on instruction
- Lunch will be provided on Tues., Aug. 2, all other meals and hotel arrangements are to be made by attendees. **Suggested Hotel:** Hampton Inn, 1650 S Mitchell St, Cadillac, MI 49601 | (231) 779-2900

SYLLABUS OUTLINE

The Repair

Identifying the Composite damage
Damage and defect inspection – structural assessment, materials, cosmetic and cost considerations
Damage removal – planning of repair, availability of structural plans or requirements from initial boat build
Record of removal and documentation of damage
Repair - process and documentation – based on documented repair
Field work instructions, manufacturers recommendation and quality documentation requirements
Secondary fabrication considerations- Open molding repairs, wet bag vacuum repairs
Procedural quality control. Getting to Bottom of Defect

The Materials

<u>Composites reinforcement material</u>
<u>Resin compatibility for repair</u>
<u>Safety and handling</u>
<u>Gelcoat, post paint considerations</u>
<u>Safety and chemical handling</u>
<u>Environmental challenges of repair and refinish</u>
<u>Core, fastening reinforcement, flotation and standards for construction</u>

The Cosmetics and Finish Repair

Gelcoat selection, repair and application in repairs
Defect Identification
Equipment , sanding, cleaning
Temperature, time, chemicals and initiators
Repair materials and applications
Repair Procedures

Resources from ACMA

CCT Open Molding - [CCT - Open Molding \(acmaeducationhub.org\)](http://acmaeducationhub.org)

CCT Vacuum Infusion - [CCT - Vacuum Infusion Process - VIP Enrollment and resources \(acmaeducationhub.org\)](http://acmaeducationhub.org)

ACMA New Hire Training for OM - [New Hire and Entry Level Open Molding Composites Training \(Digital Download\) \(acmaeducationhub.org\)](http://acmaeducationhub.org)

REGISTRATION INFORMATION

We expect to sell out all seats, so at this time until June 1, up to 2 employees from each MBIA member business can register for this course. **Seats will be filled on a first come, first serve basis. If you have additional employees you would like to send, please indicate how many and we will contact you if there are remaining seats. Number of additional employees: _____**

1. ATTENDEE NAME: _____

EMAIL: _____ PHONE: _____

2. ATTENDEE NAME: (optional) _____

EMAIL: _____ PHONE: _____

COMPANY NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

COMPANY PHONE (____) _____ COMPANY EMAIL _____

Payment – MBIA MEMBER COST \$275 per employee

Check enclosed in the amount of \$ _____ payable to MBIA.

Bill my Visa MC \$ _____ Security code: _____

Account Number: _____ Exp. Date: _____

Name on Card: _____

Signature _____ Date _____

**Return to MBIA, 8625 Richardson Rd., Commerce Twp., MI 48390; P: 734.261.0123; F: 734.261.0880
E: awendecker@mbia.org; W: www.mbia.org**

Questions: contact Amanda Wendecker at 734.261.0123, ext. 3 or email awendecker@mbia.org

