

April 26-29, 2017

Chesapeake Bay Maritime Museum St. Michaels, Md.



23 Years of Build-Your-Own-Boat Classes

Learning what not to do, one course evaluation at a time.

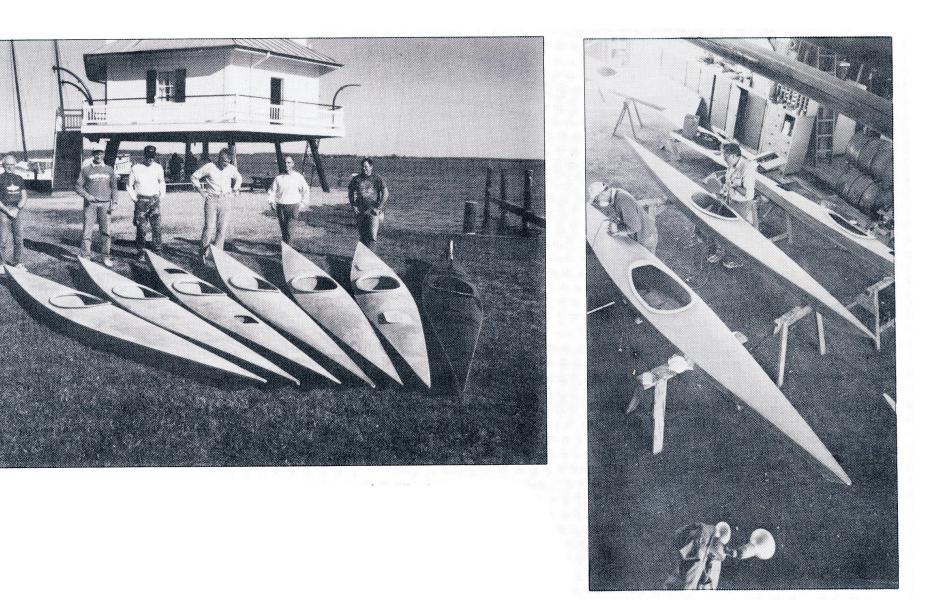


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Chesapeake Light Craft's First Build-Your-Own Class, August 1994





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Since 1994, we've led more than 400 one-week classes, mostly with adults or parent-child teams.







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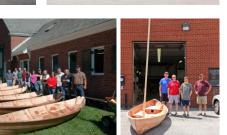
























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A Typical Chesapeake Light Craft Build-Your-Own-Boat Class:

• 5 to 8 boats





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- At least one person per boat, often three or four





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- 75% have traveled some distance to take the class
- Typical tuition for a week is \$800-\$850. Room and board are additional

Typical boat kit cost is \$1200 - \$2400



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- All classes start from pre-cut kits, with at least some pre-assembly



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Goals for a Build-Your-Own Classes:

• Pronounced evolution over 20 years from building skills to doing the best possible work in 5-1/2 days.





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- Students must not be exhausted, injured, or disappointed with the quality of their work.
- Balancing the needs of high-quality construction with time constraints and the limitations of beginner boatbuilders requires skill, experience, personality, and patience.



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Considerations for the Class Location:

• With so many students taking vacation time, and given the total cost of the class, the classroom needs to be a destination unto itself.





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- With so many students taking vacation time, and given the total cost of the class, the classroom needs to be a destination unto itself.
- Interesting waterfront locale, comfortable and affordable accommodations, and well-equipped classroom facilities that are temperate or air-conditioned.





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- With so many students taking vacation time, and given the total cost of the class, the classroom needs to be a destination unto itself.
- Interesting waterfront locale, comfortable and affordable accommodations, and well-equipped classroom facilities that are temperate or air-conditioned.
- The absolute minimum space per boat is about 185 square feet. 250-275 square feet is better. CLC's classroom is 1800 square feet, with about 1300 square feet of open floor space.



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 - Security to leave tools, etc. on site.



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Expectations That Hosts May Not Have Considered:

 Instructor commitment: The instructor will spend 70-80 hours on a single class, between logistics, classroom preparation, instruction, dealing with emergencies, and helping students load up at the end.



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- Classrooms should have professional-grade woodworking machinery on hand, if only for the instructor's use, as well as a supply of boatbuilding timber. There should be a tablesaw, bandsaw, sanding station, router table, and drill press. Not only for expediency in construction, but in case a replacement part needs to be fabricated on-site in an emergency.



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- A bulk epoxy dispensing station saves hours, and will help prevent epoxy-ratio and mixing disasters.



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Students have come to expect consumable supplies to be included in the cost of the class.

These items are part of the essential "larder" for a successful boatbuilding classroom:

Sandpaper



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Hosts should have a well-equipped first aid kit and an eyewash station



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Common Complaints:

"There wasn't enough time."

Solution:

Instructors MUST be able to manage the tricky choreography, anticipate bottlenecks, and wrangle the mix of skill (and personality!) in the class. The instructor may have to apply half the epoxy fillets in the class to stay on schedule.

Cultivate a teamwork approach to each major step. Insist that students help each other.



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Common Complaints:

"I'm unhappy with my craftsmanship."

Solution:

This student needed more attention from the instructor. The instructor will spend 80% of their time helping 20% of the students. Expect this.



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Common Complaints:

"The instructor didn't spend enough time with me."

Solution:

A good instructor will be able to identify student abilities within the first hour of class, if not within the first few minutes. Target the needy students from the start, and help them early and often. And remember, these might or might not be the "quiet" students.



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Common Complaints:

"This class was too easy. I brought all my Lie-Nielsen planes and didn't use them once!"

Solution:

Identify the over-qualified students immediately. (There will always be a few.) Have special projects standing by to keep them from getting bored.



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Common Complaints:

"I hoped to get further with my boat than I did."

Solution:

Manage expectations before the class begins.

No matter how carefully we word our ad copy for classes, there are always people who believe they will leave the class with a finished boat. Explain EXACTLY how far you will get, and assure them they will leave with the skills to finish the boat.



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Common Complaints:

"You aren't offering a class building the boat that I want. Can I build a different boat in the class?"

Solution: "No."



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Don't forget that they need to get the boat home!





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