

SUMMER 2008 VISITING BOAT BUILDER SERIES



GREAT LAKES BOAT BUILDING SCHOOL



GREAT LAKES BOAT BUILDING SCHOOL
485 S. MERIDIAN ROAD CEDARVILLE, MICHIGAN 49719



2008 SUMMER WORKSHOPS
REGISTRATION AND INFORMATION

REGISTRATION

Registration in most workshops and classes is limited to 6-10 students to maintain the "hands-on" experience to teaching and learning, so early enrollment is encouraged. Please fill out the attached Enrollment Form and send it in with your deposit. If you have any questions about the schedule or courses, please give me a call at 906-484-1081 or email me at davelesh@centurytel.net

DEPOSIT, CANCELLATION, AND REFUND POLICIES VISITING BOAT BUILDER SERIES ONLY:

Fees are listed in each workshop or course description. A deposit of 50% is due with your enrollment form and the balance is due 30 days prior to the start of your workshop or course. If you cancel your reservation at least one month prior to the start of your workshop or course, your deposit will be returned to you minus a \$75 handling fee. If you must cancel between 15 and 30 days prior to the beginning of your course, 50% of the paid tuition will be refunded. If cancellation occurs less than 15 days prior to the beginning of the course, your paid tuition can not be refunded. However, it can be applied to any future summer workshop or course that is available within the same 12 month period. In the case of an insufficient number of participants for a particular workshop or course, or in the case of an emergency, the School reserves the right to cancel the course and return all tuition.

DEPOSIT, CANCELLATION, AND REFUND POLICIES YACHT JOINERY & REPAIR AND RESTORATION ONLY:

Application for acceptance requires the completion of the Admissions and Enrollment Form and a \$100 Registration Fee. If the applicant is not accepted by the GLBBS any fee paid will be returned to the applicant. An Application Fee of not more than \$25 may be retained by the School if the application is denied. All tuition and fees paid by the applicant will be returned if requested within three business days after signing the agreement. All refunds shall be made within 30 days. Completed forms and payment of fees should be sent to the address on the right panel.

GETTING HERE

The Great Lakes Boat Building School is located approximately 17 miles east of the Mackinac Bridge (US 75) in Cedarville, Michigan on Highway 134. Convenient air service is available to Pellston Airport (one hour south) or Chippewa County Airport (one hour north).

WHERE TO STAY

There are a number of wonderful resorts, motels, and campgrounds near the School in either Hessel or Cedarville. Please contact the Les Cheneaux Islands Tourist Association at www.lescheneaux.org for more information. You are also welcome to contact the boat school office for lodging suggestions.

THE FIRST DAY

Please plan on arriving at least one day prior to the start of your workshop or course. Check in will be at the administration building at 8:00 AM the morning of your course.

NINE MONTH PROGRAM

In addition to its summer programs, The Great Lakes Boat Building School also offers an in-depth, full-time nine month vocational program in wood working, lofting, and traditional and composite wooden boat building. Further education in Yacht Joinery and Repair and Restoration are offered during the summer. Taught by master boat builder and long time teacher Patrick Mahon, these courses are a great way to hone your skills or prepare for a career in the boat building and restoration industries.

The GLBBS has an articulation agreement with North Central Michigan College (www.ncmich.edu) that allows interested students to pursue an Associate Degree in Wooden Boat Building through our combined curriculums. Financial aid is available through this educational partnership. In addition, the boat school offers scholarship funds for deserving applicants. The School also works closely with the state's *Michigan Works* "No Worker Left Behind" program that helps provide tuition assistance for job training. Please contact Dave Lesh at the boat school for more information about all of these opportunities.

ENROLLMENT FORM

Name

Address

City State Zip

Occupation

Phone

Email

How did you find out about the boat school?

Method of payment Visa MC Check

Name on card

Card number

Expiration date

Signature , I understand and accept the refund policies of the GLBBS and I authorize the school to charge 50% of the workshop fee (or \$100 if I'm enrolling in either the Yacht Joinery or Restoration course) to the above credit card on receipt of my application and the balance due will be charged 30 days prior to the start of my workshop or course.

Please list the course(s) that you would like to attend.

| Course Name | Date | Tuition |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Total tuition \$

Deposit (50% or \$100) \$

Balance due \$



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GREATLAKESBOATBUILDINGSCHOOL.ORG

Summer in the Les Cheneaux Islands of northern Michigan can mean only one thing — more boat building at the Great Lakes Boat Building School! Whether you're interested in building a lapstrake decked canoe in a one week workshop or seek an advanced course in yacht joinery or restoration, this year's schedule provides many opportunities at our campus on Lake Huron's Cedarville Bay.



GREAT LAKES
BOAT BUILDING
SCHOOL

2008 VISITING BOAT BUILDER SERIES

We are proud to have David Nichols as our guest instructor for our summer Visiting Boat Builder Series here at the Great Lakes Boat Building School. An experienced teacher, David has been designing and building boats for over fifteen years, and when he isn't building or designing boats for other people you'll find him using the boats he's designed and built for himself. A graduate of the University of Texas at Austin, he has written for a number of boat building magazines like *Wooden Boat* and *Boatbuilder*. David has also written and produced several boat building videos and is the author of two books, *A Working Guide to Small Boat Sails and Lapstrake Canoes*. For more information on David please visit www.arrowheadboats.com.



2008 BOAT BUILDING SERIES SCHEDULE



July 7 – 11

Class 1: Building a Glued Lapstrake Canoe

The group will team build a glued lapstrake canoe from scratch. Each student will loft a station mould and the group will lay out the strong back. Teams will get out the bottom and planks. Each team will then bevel the planks and bottom and hang them on the boat. The goal will be to get the boat turned over and the decks on by the end of the workshop. The student will take home the text book *Lapstrake Canoes*. This workshop will give the student the confidence and skills to build one of the great canoes from the book. Plans are included in the book.

While the pace of the class can be fast at times, and some evening work is possible to stay on time line, it will always be fun and be a relaxed learning environment.

6 students maximum
\$475



July 14 – 18

Class 2: Building Lutra Laker

The group will team build Lutra Laker, a glued lapstrake power boat. Lofting will be briefly covered and particular attention will be given to the transom and splash well layout. Bottom and planks will be gotten out, beveled and application of fiberglass cloth will be covered. The textbook for this class is a 40+ page manual and a DVD. At the end of the class the student should feel comfortable building his or her own Laker or another glued lapstrake boat. The pace of this class can be fast at times and some evening work is possible to stay on time line. It will always be a relaxed and fun learning environment.

6 students maximum
\$475

July 22, One day workshop

Class 3: How to Scarf the Proper Way!

If you've always wanted to learn the right way to make a strong scarf joint, his hands-on, one day workshop is perfect. Everybody will get to use several scarfing jigs as well as learn how to cut scarfs by hand with a plane. Both plywood and solid wood will be used and the scarf samples will be glued up and tested at the end of the class.

6 students maximum
\$95

July 23, One day workshop

Class 4: Learning Basic Marlinspike Skills

This one day workshop will teach participants how to make a number of eye splices and seized eye splices. Combined with thimbles, these eye splices will make Lizards and Dead eyes and a great boarding ladder.

8 students maximum
\$95

July 24, One day workshop

Class 5: Build Your Own Double Paddle

Each student will make their own break down double paddle. This lightweight and handsome paddle will give years of service.

8 students maximum
\$95
\$50 materials



July 28 – August 1

Class 6: Building Lutra Laker

Repeat Class 2

6 students maximum
\$475



August 4 – August 8

Class 7: Build your own Stitch and Glue Decked Canoe

Each student will build his or her own decked canoe from a kit. The 14' 6" Voyager is a lightweight (approx 45 pounds) and easily handled canoe that will take you on an afternoon paddle or a wilderness voyage. This nice boat can handle a small second paddler for the afternoon or enough gear for an extended trip. Voyager is stable enough to stand in and a deep water re-entry is just a matter of climbing back in — no special gear required. The water tight compartments in the bow and stern provide plenty of positive flotation as well as storage for gear. In addition, the uncluttered compartment is 6' 4" long and is long enough for sleeping with the addition of a bivi-bag and rain cover.

The boats go together stitch and glue style using BS1088 Lloyds Certified plywood, making them fast and easy to build so the pace of the class can be somewhat relaxed. The goal of the workshop is not only a boat for each student to take home, but to give each student the knowledge and confidence to build another stitch and glue boat outside of class.

6 students Maximum
\$1365

August 12, One day workshop

Class 8: Stitch and Glue Demonstration

This will be a demonstration of how a stitch and glue canoe goes together. Wire up and tacking the process will be demonstrated with as much hands-on participation as possible. Fillets, taping, and fiberglass cloth will be demonstrated and each student will have a chance to practice putting a fillet on a joint. There will be lots of tips on how to make the job easy!

8 to 10 students
\$95

August 13, One day workshop

Class 9: Repeat of the Stitch and Glue Demonstration

8 to 10 students
\$95

August 14, One day workshop

Class 10: Repeat of the Stitch and Glue Demonstration

8 to 10 students
\$95

August 18 – 22

Class 11 Build your own Stitch and Glue Decked Canoe

6 Students maximum
\$1365

August 26, One day workshop

Class 12: How to Scarf the Proper Way!

\$95

August 27, One day workshop

Class 13: Basic Marlinspike Skills

\$95

August 28, One day workshop

Class 14: Build a Double Paddle

\$95
\$50 materials

September 1, One day workshop

Class 15: Stitch and Glue Demonstration

\$95

September 2, One day workshop

Class 16: Stitch and Glue Demonstration

\$95

ADVANCED SUMMER COURSES

In addition to the Visiting Boat Builder Series of summer workshops, the Great Lakes Boat Building School is also offering two advanced sessions of classes in Yacht Joinery and Repair and Restoration. Taught by seasoned boat builders and teachers, including our own head instructor Pat Mahon, these courses are available to current students or graduates of the GLBBS or other boat building programs across the country. The courses are also open to applicants with prior wood working or boat building experience.

YACHT JOINERY

Yacht Joinery: The installation of interior joinery and fine wood-working, is a requirement of any yacht builder today regardless of the material used in the structure. These courses will concentrate the student's study on specific areas or, if taken as a full quarter, will give a comprehensive understanding of the complexities of the yacht interior. The course schedule is designed to give the student some flexibility over the summer months.

The Yacht Joinery course will be taught by Pat Mahon and Tony Grove. After completing a four-year boatbuilding apprenticeship that started in 1980, Tony honed his skills as a shipwright, specializing in wooden boat restoration/construction, boat interiors and custom furniture design. This chain of experience led him to leave the city of Vancouver BC, and in 1999 start instructing at the Silva Bay Shipyard School on Gabriola Island. Tony taught traditional Boatbuilding plus a course he designed on Ship Cabinetry/Joinery. Tony eventually became the school's head instructor. Tony left the school in 2005 to spend time with his family and is now working for himself as a custom woodworker, boat builder, artist, writer and part time instructor (www.tonygrove.com).



YACHT JOINERY SCHEDULE

June 23 – 27

Yacht Interiors 35 hours

Reading plans
Arrangements, safety, utility, comfort
Ergonomics
Materials
Using mock-ups
Building bulkheads, partitions and furniture
\$350

June 30 – July 25

Interior Joinery 140 hours

Built-in furniture
Face frames
Cabinet doors, various styles
Drawer construction
Hardware
Countertops
Joiner doors; frame and panel, louvered
Interior trim; door casing, sea rails, moldings
Veneer work
\$1400

July 28 – August 22

Exterior Joinery 135 hours

Deck boxes
Dorade boxes
Hatches and skylights
Rails and cabin trim
Windows and ports
\$1350

August 25 – 29

Interior Finishes 35 hours

Traditional and modern wood finishes
Faux finishes
Wall coverings
\$350

Total Clock hours 345

\$3450

BOAT REPAIR & RESTORATION

Boat Repair and Restoration: The repair and restoration of wooden boats is an important aspect of the marine trades. Those wishing to pursue a career as a marine professional must know the basics of wooden boat construction and the methods of repairing them. These courses will add to the student's repertoire of skills and complete their formal education. The individual classes will be taught by professional shipwrights knowledgeable in this special trade. Anyone contemplating the purchase of an older wooden boat will find these courses valuable in making informed decisions for their restoration plan. The format allows for a more flexible summer schedule.

The Repair and Restoration course will be taught by Josh Swan. A native of Wisconsin, Josh graduated from the International Yacht Restoration School in Rhode Island followed by two seasons as "boat builder in residence" at the Adirondack Museum in New York where he headed up its public boat building program. In the Fall of 2006 he received a grant from the Center for Wooden Boats, in Seattle Washington, that allowed him to travel to Norheimsund, Norway to spend six weeks at the Hardanger Fartøyvernserter, a dynamic waterfront boatyard focusing on keeping alive the relationship between a village and its place on the water. Josh now heads up his own boat restoration company in Ashland, Wisconsin (www.jswanboatworks.com).



REPAIR & RESTORATION SCHEDULE

June 23 – 27

Evaluating the Older Wooden Boat 35 hours

Choosing a project
Restoration or repair?
The importance of the survey
Documentation
The restoration plan
Taking the lines
\$350

June 30 – July 25

Restoration I Structural 140 hours

Stabilizing the boat
Removing defective parts
Backbone replacement
Replacing frames
\$1400

July 28 – August 22

Restoration II Structural 135 hours

Replanking
Interior woodwork
Decks
Joinerwork
\$1350

August 25 – 29

Restoration III Refinishing 35 hours

Removing old finish
Staining and filling
Application of finishes
\$350

Total Clock hours 345

\$3450

FACILITIES

All workshops will be held in our new 12,000 square foot building in Cedarville, Michigan. More photographs of this terrific workshop and classroom space can be viewed at www.greatlakesboatbuilding.org.

The Great Lakes Boat Building School would like to thank the following sponsors for their very generous support of the Summer 2008 Visiting Boat Builder Series.

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www.elcoelectriclaunch.com



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