

**Summer Workshop  
Series 2009  
Building the 16 foot  
Swampscott Dory**



**Sign Me Up!**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Would you like to be added to our email list? Yes    No Thanks  
(We do not share your information with any outside parties. You will only receive occasional emails from the School regarding classes, boat projects, volunteering, supporting the School, etc. )

How did you hear about our summer workshop series? \_\_\_\_\_

Please sign me up for the following workshops:

	<b>Workshop Name</b>	<b>Dates</b>	<b>Tuition</b>	<b>Alumni/ PTMTA*</b>
<input type="checkbox"/>	The Entire 8-course series	See dates below	\$1,495	\$1,121
<input type="checkbox"/>	Lofting	Jul 10-12	\$285	\$214
<input type="checkbox"/>	Sawn Frames, Bottom Transom, Stem And Set-Up	Jul 17-20	\$380	\$285
<input type="checkbox"/>	Lapstrake Planking	Jul 24-26	\$285	\$214
<input type="checkbox"/>	Lapstrake Planking & Steambending	Jul 31-Aug 2	\$285	\$214
<input type="checkbox"/>	Fitting Out a Boat Part I	Aug 7-9	\$285	\$214
<input type="checkbox"/>	Fitting Out a Boat Part II	Aug 14-16	\$285	\$214
<input type="checkbox"/>	Finish Work-Painting	Aug 22-23	\$190	\$143
<input type="checkbox"/>	Oar Making	Aug 29-30	\$190	\$143
		<b>TOTAL:</b>	<b>\$</b>	

\*Alumni are individuals graduated from one of our 3, 6, 9 or 12 month programs. Members of the Port Townsend Marine Trades Association are also eligible to receive the discounted price.

**Payment Information**

I have enclosed a check for the total amount due above.

Please charge my Visa or MasterCard for the amount due above.

Card type: Visa    or    MasterCard (only)

Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Exp. Date: \_\_\_\_\_ -20\_\_\_\_\_

3-Digit Security ID # \_\_\_\_\_

Signature: \_\_\_\_\_

# Building the 16 Foot Swampscott Dory

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## Lofting [July 10, 11, 12](#)

Lofting is the crucial link between the two dimensional scaled lines laid down by the designer and the three dimensional forms liberated from paper by the boatbuilder. While it is possible to build boats without bothering with the lofting process it may not prove to be fair and produce something other than the designer's intent. At NWSWB we emphasize careful lofting in our instruction. Properly done, lofting allows precision fabrication of parts, which will practically eliminate the need to trial and fit pieces after they have been cut out. You will learn a comprehensive approach to the science of lofting in this three-day course. The topics covered include working with grids, the table of offsets, master lines, fairing the lines, bearding line development, mold reduction and transom expansion.

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## Sawn Frames, Bottom Transom, Stem and Set-Up [July 17, 18, 19, 20](#)

Sawn frames are developed from lofting and are gusseted together on templates; as are the transom, stem profile and bevels. All are attached to the bottom and set-up on a building strong back and braced into position ready for planking.

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## Lapstrake Planking [July 24, 25, 26](#)

You will learn how to determine the amount, shape, width and bevel of the planks for the Swampscott Dory based on the girth of the boat and the planking stock available. This is essential if you want to build your own boat or if you need to replace a significant amount of planking on an older boat. Planking may be the quintessential art of wooden boatbuilding and is tremendously important not only to how a vessel looks but to her watertight integrity as well. Lapstrake (overlap) planking will be taught and demonstrated. Selection and preparation of stock, judging the characteristics of wood, and using the grain pattern of each piece to its best advantage will be taught.

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## Lapstrake Planking and Steam Bending [July 31, August 1, 2](#)

This is a continuation of the previous Lapstrake Planking workshop. You do **NOT** have to take the first class to be eligible to attend this class. During this workshop you will be steam bending the intermittent frames. Bending wood into compound curves is an art essential to the wooden boat builder. The many species of lumber used all have different bending and steaming characteristics. You will learn how to design and build a steambox to suit your needs, select lumber for its bending characteristics, prepare stock for steaming and bending, determine the right steaming time, and finally, get the hot wood physically bent to its form without breaking.

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## Fitting Out a Boat- Part I [August 7, 8, 9](#)

This class covers the final steps of completing the Swampscott Dory's inner hull, including the gunwhale, seat risers, inwhale, floor boards, seats and shear cap, spilling, constructing and installing thwarts, knees and breast hook. The techniques you will learn can be applied to a variety of different craft.

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## Fitting Out a Boat-Part II [August 14, 15, 16](#)

This is a continuation of Course 1. You do **NOT** have to take Course 1 to be eligible for Course 2.

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## Finish Work [August 22, 23](#)

You will learn how to finish the Swampscott Dory that has been built throughout our summer program. Finishing a wooden boat has its own special challenges. The coating must resist the destructive rays of the sun, repel moisture, allow the wood to breath and look good while lasting as long as possible. This workshop will focus on working with enamel paints. All participants will get hands-on experience. You will also learn stripping, puttying, fairing and sanding techniques, how to seal and prime wood and metal, how to build up a good undercoat, and how to lay on a good finishing coat using rollers and brushes. You will come away from the class knowing how to execute a good and durable finish.

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## Oar Making [August 29, 30](#)

In this class you will learn the basics of oar making. You will make a pair of oars to take home, either straight or spoon. You will learn how to layout a pair of oars including the tapers and blades.

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## Workshop Refund Policy

### Cancellation by student

Requests received four or more weeks before the start of class will receive a full refund less a \$50 cancellation fee.

Requests received less than four weeks before the start of class will receive a credit of all monies paid (less the cancellation fee). This credit may be applied to any course within 15 months of the cancelled class based on space availability.

No refunds or credits are given for cancellations by student after the start of class.

### Cancellation by the School

In case of emergency or low enrollment the school reserves the right to cancel a course at any time and refund all monies paid in full. We strongly recommend that you purchase refundable airline tickets or trip cancellation insurance as the school cannot be responsible for cancelled transportation or lodging.