



TOOL LIST

PLANK CONSTRUCTED POND YACHT I

W/ BRUCE RICHTER

***Important* This is the list for first-time students only. Other students who will be returning for a second time should use the list marked “POND YACHT II”**

On the following pages you will find a list of tools that you’ll need for the upcoming “Build Your Own Plank-Constructed Pond Yacht” (you may need to copy and paste some of the links into your browser’s url address window). Some of the tools you currently own may work fine, but please see the note on the next page about three specific tools that you will need and you should not substitute other brands or somewhat similar types for them.

The materials fee for this class will cover the costs of the CNC cut molds, strongback, keelson, planking, fin, rudder and adhesives. Those will be waiting for you when you arrive.

The purpose of the class is to give you an entire week to devote your attention to the first phase of building your Vintage Marblehead Pond yacht with the help and guidance of an experienced builder and instructor. By the end of the week, you may complete or nearly complete the planking of your boat’s hull and possibly make progress on the keel and rudder. Or not! One of the great things about this course is that you can and should work at your own pace. I happen to enjoy the entire building process which also includes stepping back, studying the overall form and details, appreciating *my* progress, and learning from others. And guaranteed you *will* learn and pick up great tips all week long.

Just keep in mind, while the class is relatively intense, a week in the WoodenBoat School studios is an opportunity to be enjoyed.

The following tools will be needed for the Pond Yacht Week 1 course.

Many of the following tools and parts are available from multiple resources. Some may currently be unavailable. If so, keep checking back or email me and I can suggest alternatives. For those shopping online, I've supplied links (no endorsements here, just starting places). If you get a print version of this, email me and I'll be happy to send a pdf with clickable links.

You may have tools similar to these and that's fine, bring them. **But be aware**, there are three tools quite specific to our course needs and **you should not substitute** other brands or somewhat similar types for them. These are:

- **Lie-Nielsen Model Maker's Block or Violin Maker's Plane** (pricey, but a keeper you won't regret.)
- **Stanley TR45K Light Duty stapler** – (Stanley TR110 stapler is way too heavy duty & staples too big.)
- **Arrow JT21 3/8" leg length type #276 Staples**. (The staple remover is a huge plus too.)

Tool List for Pond Yachts I:



No substitutions here, the quality of this plane is needed for the work to be done in the course. Only one (1) of these planes is needed:

Lie-Nielsen Model Maker's Block Plane:

<https://www.lie-nielsen.com/products/Model%20Maker%27s%20Block%20Plane>



If Model-Maker's Block Plane is unavailable or if you want added adjustability:

Lie-Nielsen's "No.101 Violin Maker's Plane (has added "captive nut blade adjuster for precisely controlled depth of cut."):

<https://www.lie-nielsen.com/products/violin-makers-plane?path=block-planes&node=4072>



One (1) **Stanley TR45K Light Duty Stapler** (**no substitutions here**, the staple size and stapler's light power are needed for the work to be done in the course. The TR110 stapler is too powerful.)

<https://www.homedepot.com/p/Stanley-Light-Duty-Staple-Gun-Kit-TR45K/203710089>



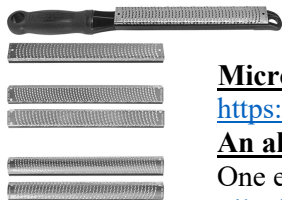
Set of Three (3) boxes of **Arrow JT21 Staples 3/8" leg length type #276** (**No substitute here. Be sure you purchase 3/8" leg length**)

<https://www.amazon.com/Arrow-Fastener-276-Genuine-000-Pack/dp/B08CCC31Z8>



One (1) **Stanley Bostitch Model #40000M Push Style Magnetic Staple Remover**

<https://www.amazon.com/Bostitch-Professional-Magnetic-Remover-40000M-BLK/dp/B0006HVU4M>



Microplane 8" handle and blades: Currently unavailable, continue to check. Very valuable.

<https://www.amazon.com/MICROPLANE-SNAP-BLADE-RASP-SET/dp/B000H6BPKG>

An alternative: Course and fine tooth rasp set with flat and round surfaces:

One example: [https://www.amazon.com/YG-Oline-Carbon-Round-Needle-Files/dp/B08BYK8KQ4/ref=sr_1_18?encoding=UTF8&c=ts&dchild=1&keywords=Hand+Files+](https://www.amazon.com/YG-Oline-Carbon-Round-Needle-Files/dp/B08BYK8KQ4/ref=sr_1_18?encoding=UTF8&c=ts&dchild=1&keywords=Hand+Files+%26+Rasps&qid=1617044330&s=power-hand-tools&sr=1-18&ts_id=553188)

[Files/dp/B08BYK8KQ4/ref=sr_1_18?encoding=UTF8&c=ts&dchild=1&keywords=Hand+Files+%26+Rasps&qid=1617044330&s=power-hand-tools&sr=1-18&ts_id=553188](https://www.amazon.com/YG-Oline-Carbon-Round-Needle-Files/dp/B08BYK8KQ4/ref=sr_1_18?encoding=UTF8&c=ts&dchild=1&keywords=Hand+Files+%26+Rasps&qid=1617044330&s=power-hand-tools&sr=1-18&ts_id=553188)



One (1) Retractable Metal Tape Measure

<https://www.homedepot.com/p/Stanley-12-ft-PowerLock-Tape-Measure-33-312L/100123236>



Several pencils (Unless you're one of those people who never ever misplace theirs.)



One (1) **Utility Knife** w/ interchangeable blades (I prefer X-Acto utility knife, but currently unavailable):

<https://www.walmart.com/ip/16Pc-Hobby-Knife-Set/136240993?athcpid=136240993&athpgid=AthenaItempage&athcgid=null&athznid=si&athieic=v0&athstid=CS004&athguid=nbS2oSaSslN3JzeFvejJKxAkjQFa5Rrfdhg&athancid=null&athbdg=L1700>

Key Hole saw blade:

<https://www.amazon.com/ELMERS-Xacto-X215-Blades-Packg/dp/B01066T8PK>

Razor Saw blade:

<https://widgetsupply.com/product/SAB2-30440.html>

Or if you prefer a higher-quality dedicated Razon Saw (in particular Lee Valley General Purpose Razor Saw #60F03.12 (\$12.50)

<https://www.leevalley.com/en-us/shop/tools/hand-tools/saws/back/102674-general-purpose-razor-saw?item=60F0312>



OPTIONAL:

You won't necessarily need all of the following but they do come in handy during the build process, especially during the second phase of construction. (And you can never have too many clamps. But tape might work fine at securing some stuff as it dries.)



Kobalt 6-Pack Plier Set: 19.98

<https://www.lowes.com/pd/Kobalt-6-Pack-Assorted-Plier-Set/1000179111>



One (1) good quality **1/2" Butt Chisel** (in particular Lee Valley 1/2" Butt Chisel #44S02.04 – currently unavailable. Only in sets.)

<https://www.leevalley.com/en-us/search?q=Lee%20Valley%201%2F2%E2%80%9D%20Butt%20Chisel%20%2344S02.04&t=product-search-tab&sort=relevancy&layout=card&numberOfResults=25>

Six (6) **4.5" Mini Clamps**

Lee Valley Gator Mini/Midi 4.5" Clamps #17F81.04) <https://www.leevalley.com/en-ca/shop/tools/hand-tools/clamps/bar/54187-gator-mini-midi-clamps>



Dewalt: <https://www.homedepot.com/p/DEWALT-4-5-in-35-lbs-Trigger-Clamp-with-1-5-in-Throat-Depth-DWHT83191/204987956>



Ten (10) **1" Plastic Spring Clamps** (in particular Lee Valley Plastic Spring Clamps 1" #16F0100) <https://www.leevalley.com/en-us/shop/tools/hand-tools/clamps/41712-plastic-spring-clamps>