

Custom Landing Nets, Where Form and Function Meet

With Sam Lacina

April 13-14, 2019

Class Outline:

Day 1: AM

1. Introductions
2. History of landing nets
3. Overview of landing net construction and clamping options
4. Design considerations
 - a. Style of fishing
 - b. Net bag selection
5. Developing a design
6. Moving from design to construction
7. Making a gluing form and handle inset
8. Maintaining center lines and register marks

Day 1: PM

9. Sawing and machining wood strips/laminations
10. Bending techniques
11. Gluing the frame
 - a. Assembling the materials
 - b. Gluing a Frame: Demo
 - c. Gluing the Frame: Students
12. Day's wrap up:
 - a. Landing net enhancements
 - b. Solving problems: The four's how's
 - c. Questions

Day 2:

1. Unwrapping the frame
2. Cleaning the edges and thickness sanding
3. Defining the handle contours
4. Machining the frame
 - a. router tables
 - b. specialty bits
5. Shaping the handle
6. Sanding and detailing
7. Finishing options
8. Net bags, looking at the options
9. Laying out the holes and drilling
10. Attaching the net bag
11. Inserting the brass eye
12. Class wraps up and questions
13. Improving your skills
14. Evaluation and suggestions

Student Equipment List:

Plastic/rubber Rain Bibs (Harbor Freight, Holly Hansen's) or plastic poncho (you may substitute old clothes but be aware they will be trashed)

Cloth tailors tape

Pencil and paper

Magic marker

Bandage Scissors (Lee Valley has good ones or HF)

Work gloves

Eye protection and hearing protection

Hammer

Yard stick or tape measure

1 foot ruler with both inch and centimeter markings

Magicut file, wood rasp or something similar

Hand held oscillating disc sander, 5 inch (bring one if you have one.)

(I will bring several different models for you to try BEFORE you buy one.)

If you have a special piece of wood you would like to use for the handle you should bring it. This is your net, make it into a story. You would need only a small piece, about 4 inches by 12 inches by 1 inch thick piece of hardwood for a handle inset. Please avoid tropical woods because of the high oil/wax content.

NOTE: Wood is supplied for the handle inset as part of the material fee and cannot be waived, even if you choose to bring your own special piece of wood.

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