

TURNING ELEGANT VESSELS & DECORATIVE HOLLOW FORMS
WITH J.PAUL FENNELL
September 17-21, 2012

SYLLABUS:

Each day will begin with discussions on techniques, problem-solving, design ideas, safety and short demos. Students should have previous experience in turning hollow forms, but I realize that there will be differences in skill levels. In that regard, I will work as much as possible with each student individually to address his or her particular needs. Class interest and progress may also result in the modifying the following schedule to some degree, but my intent and goal is to cover and teach all that is listed.

Day one:

- Introduction with discussion of class objectives
- Equipment and shop safety
- Demonstration of and use of tools students will make the first day
 - Wall thickness caliper
 - Simple hollowing handle and tool
 - Universal scraper
- Demonstration of importance of form—turning the outside shape
- Hands-on turning the remainder of the day
- To evaluate the importance of form, students will develop several solid forms for comparison.
- Using the scraper and finishing with minimal sanding
- Discussion and critique of forms at the end of the day

Day two:

- Demonstration of hollow turning and use of the hollowing tool and caliper made earlier
- Finishing the bottom of the vessel
- Make and use diamond-point detailing tool
- Make grooving tool
- Hands-on hollow turning all day

Day three:

- Overview and demonstration of embellishing techniques
 - Indexing
 - Layout techniques
 - Carving/texturing/piercing techniques
 - Tools and methods
- Hands-on time to develop skills in these techniques

Day four:

- Lecture/demonstration in applying design to vessels
- Shop time most of the day to work on projects or experiment with designs

Day five:

- Review of work accomplished thus far
- Open shop the rest of the day to work on or complete projects
- Open forum/discussion of class and review of information at the end of the day

TOOL LIST

The following is a list of tools and materials that you will use during the week. Please bring any other tools/materials that you think necessary to make your week more rewarding.

Miscellaneous

Face shield/safety goggles/dust mask

Glues-CA + accelerator, 5 minute epoxy

Diamond hone (fine grit)

Sandpaper various grit sizes from 180 to 600

1 or 2 Scotchbrite pads Ultra Fine (Gray color)

If you have any worn out flat files bring 1 or 2 with handles (to be ground and used for making grooving tool)

Drill chuck with #2 morse taper for tailstock with 3/8" drill bit to drill depth hole + 1/2" drill bit

Turning tools:

Roughing gouge

Parting tool

Bowl Gouges – 3/8" or 1/2" + small detail gouge

Outside calipers (figure 8 type for measuring wall thickness)

Scraper-square-end HSS 1" or larger

Other favorite turning tools

Hollowing tools—we will be making hollow forms in the range of 5" to 6" diameter

Any type hollowing system you use or are comfortable with:

Stewart System, Jordan Tools, etc., or homemade tools that work for you.

Carving/Texturing/Piercing

Foredom, Dremel or any other slow-speed rotary tool or handpiece with 1/8" and 3/32" collets

Air rotary tools like NSK Presto or Powercarver (high speed)

(NSK PRESTO Handpieces will be available for purchase – contact me in advance of the class)

Burs for above (I will have them for purchase if necessary at the class, or contact me in advance)

Dremel engraving tool

Any other tools that you find useful for carving/texturing/piercing

Optional

Any other tools appropriate for this class that you would like to develop skills for.

Pieces that you would like critiqued.

Partially-finished work you would like to continue working on, or that you would like to experiment with.

If you have a favorite finish, bring it.

Questions:

Feel free to contact J. Paul at 480-488-7924 or jpaulfennell@yahoo.com anytime. I want this class to be as meaningful and rewarding for you as possible. Please contact me if you are not sure what to bring, or before buying tools to make sure you purchase the correct ones.

Website: www.jpaulfennell.com