

# Turned Bowls with Carving, Pyrography and Color with Sharon Doughtie June 15-19, 2020

## Syllabus:

### Monday

Morning turning demo. Students will turn 2-3 bowls 8" w x 4" high.

Afternoon carving feet demo.

If the class would like, a couple of hours before the end of the day I'll do a burning demo so that students work on wood burning during the quiet hours after class.

### Tuesday

Morning demo, burning demo – layout of knotwork and/or graphic designs. Burning on flatwork

Afternoon demo, continuation of burning techniques: moving to designing & burning on round pieces.

### Wednesday

Morning demo, carving demo showing when and how to use the rotary carving tools. The flex shaft is great for hogging out shapes, but you can also do refined work with as well as texturing. The micro motor is great for refining and texturing but is not a heavy-duty tool.

Afternoon demo, Using the reciprocating carver. This is good for incising precise lines and well as removing material and making patterns.

### Thursday

Morning, Paint demo, which brush to use when. Using acrylic and milk paints and mixing them together. Dry brushing, underpainting, paint adherence, etc.

Afternoon: If the class would like, a further paint demo using specialty paints and materials such as interference paint, texture paste and crackle.

### Friday

Finish up projects and wrap-up.

## Tool List

1. Please bring your favorite turning tools for bowls. For the bowls we're making in class, I use a 1/2" and a 3/8" bowl gouge and a 1/4" gouge for dovetailing the foot for the chuck and sometimes a round nosed scraper for smoothing.

2. Woodburner with a make-your-own-tip pen. This is a good model. It has enough power for light branding:

<https://www.woodcarverssupply.com/BURNMASTER-EAGLE-2-PORT/productinfo/499002/>

If you've a lower power burner, such as Razortip, bring it (and a make your own tip pen) and we'll just use thinner wire. I will have a few gauges of Nichrome 80 wire to share and sell in the class.

3. Commercial burning pens:

Bring at least two or more fixed-tip burning pens with a spear point and round heel such as these.

<http://www.carvertools.com/op1pens.htm> -- **The tip shape is no. 5 in this list.**

It doesn't matter what company manufactures the pens and the blade doesn't have to be two-sided. The most important thing is the spear point round heel shape for incising clear lines and flowing around curves.

**Note:** Make sure you have the right cords and connectors for your pen and woodburner.

4. 2 med to small needle nosed pliers for shaping nichrome wire into burning tips, wire cutters for cutting the wire. I'll have nichrome wire to share and sell.

5. Paintbrushes for painting.

A. a flat shader such as this one: <https://www.artistpaintbrush.com/langnickel-snowwhite-long-handle-taklon-bright-brush-artist-paint-brush-l4510-16-p-1888.html?osCsid=rat44hcmkfru9lt8ra3uri1ar1>

for both laying down paint and dry brushing

B. A fan brush such as this one (for dry brushing):

<https://www.artistpaintbrush.com/langnickel-regis-long-handle-bristle-blender-fan-brush-artist-paint-brush-l405fb-12-p-950.html?osCsid=rat44hcmkfru9lt8ra3uri1ar1>

C. A liner brush for getting in tight in defined spaces:

<https://www.artistpaintbrush.com/royal-crafters-choice-sable-liner-brush-artist-paint-brush-r9575-50-p-419.html?osCsid=rat44hcmkfru9lt8ra3uri1ar1>

**NOTE:** These are just the types of brushes, no need to get these exact ones. Go larger rather than smaller for the first two on the list. Go small on the last one.

6. Drawing implements. 2 or more 6B pencils (or 5B, soft lead pencils), a large eraser and some drawing paper. For knotwork, some people prefer to use graph paper.
7. Sandpaper for sanding your bowls. Also, if you have it, bring some Velcro sandpaper 2-3" in the 120, 180, 220 range.
8. Any safety equipment you usually use, dust masks, safety glasses, hearing protection.

### Optional tools:

3. Bring any **rotary carving tools** that you have:

a. a **flex shaft** with handpieces that accept 1/4" and 1/8" shafts and the carving burs that you like and a foot pedal or desktop speed control.

If you don't have a flex shaft already and want to purchase one, this is a good machine:

<https://thewoodcraftshop.com/wecheer-1-2-hp-heavy-duty-rotary-tool-kit/>

It comes with a chuck type handpiece, so no need for collets.

For smaller burrs with smaller shanks, this is a great pen style handpiece for the flex shaft that also doesn't use collets:

<https://thewoodcraftshop.com/wecheer-slim-handpiece-with-a-finger-chuck/>

b. **micromotor carver** such as this one: <https://www.woodcarverssupply.com/MICRO-PRO-CHAMPION-SET/productinfo/793800/>

It's good to also get this adapter. [https://www.woodcarverssupply.com/1\\_8-TO-1\\_16-COLLET-ADAPTER/productinfo/793602/](https://www.woodcarverssupply.com/1_8-TO-1_16-COLLET-ADAPTER/productinfo/793602/)

2. **A reciprocating carver** such as the Automach:

<https://gregdorrance.com/product/automach-carver-model-hct-30-a/>

This is another reciprocating carver that is not heavy duty but can be good to see whether you want to work with this tool:

[https://www.amazon.com/gp/product/B000BUKWSO/ref=ppx\\_yo\\_dt\\_b\\_asin\\_title\\_o01\\_s00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B000BUKWSO/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1)

It's 1/3 the price of the Automach.

**NOTE:** If you don't have all these tools, there's no need to go out and buy them. There will be some reciprocating carvers to use and there are some flexshaft tools at MASW. If you don't have any of the power carving tools and want to choose one to start with, go with a flex shaft. That will be most versatile.

Bring your favorite carving burrs. I will also have saburrtooth burrs for student to use and will have some to sell.

Though the reciprocating carvers come with some carving knives, I'll also have some flexcut knives for people to use in the reciprocating carvers.

Students are encouraged to also bring some small bowl/vessels from home for experimentation.

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