

# Woodturning

## Chris Hoehle

*May 30-June 4, 2021*

### **COURSE DESCRIPTION**

In this class, we'll cover all of the fundamentals you need to know to get a successful start in woodturning. We'll learn the geometry of the fundamental woodturning tools (spindle roughing gouge, spindle gouge, parting tool, skew chisel and bowl gouge), how to sharpen them and how to cut effectively with them. Wood and its properties such as cutting with the grain, drying green wood, and anticipating wood movement will be covered, and we'll have plenty of hands-on woodturning time beginning with basic exercises in roughing down square stock to round, and using the gouges and chisels to create crisp beads, coves, cylinders, and tapers, the fundamental shapes upon which all woodturning is based. We'll continue on to a series of progressively more challenging spindle projects such as mallets, cocktail muddlers and rolling pins, then we'll use the dry flower vase, or weed pot, as a study in the power of turning multiples of a single object to refine your sense of proportion and design. By Wednesday, we'll shift gears from spindle turning to bowl turning and we'll spend the rest of the week turning open bowls, including a natural edge bowl if you wish, out of green wood and kiln-dried wood. If there is interest, I can be available for optional evening sessions concerning some of the finishes and techniques I use to enhance my own work such as the use of milk paint and metallic wood dyes.

### **MATERIALS LIST**

- Students shouldn't have to bring anything since this is an all skill levels class that is oriented toward the complete beginner.
- Students may want to bring their own PPE (\*safety glasses, \*dust mask, face shield, \*hearing protection) and other gear that they prefer for their own comfort or a favorite gouge or two if they have them. While bringing your own gouge(s) is not required, you may wish to bring them so you can get help with the initial sharpening of them and then you will have some gouges with good grinds to take home to your workshop.
- A \*woodturner's smock if you want one – this helps keep wood shavings out of your pockets and clothes. By no means mandatory, but Arrowmont does not provide these for student use, so plan on getting one ahead of time if you think you'll want one. There are often some nice ones for sale with the Arrowmont logo in the Supply Store (contact Arrowmont to confirm availability).
- Any turning tools you already own and can travel with.
- \*Flash drive (to protect and save data to and from Library computers)
- \*Padlock for your studio locker, if desired (For rent in the Supply Store for the week)

***All Items marked with an "\*" are available for purchase in the Supply Store***

The Arrowmont wood studio is well equipped for virtually any type of turning. We are limited to specific types of tools and quantity needed for each class. If you are a beginning student or are traveling light, we do have tool kits that contain basic tools such as: bowl, spindle and roughing gouges as well as scrapers, skews and parting tools. These kits are for student use.

### **COVID-19 UPDATE**

In accordance to Arrowmont's COVID-19 policies, Arrowmont recommends that all students bring multiple face coverings in accordance to the CDC guidelines (2-ply, cloth face covering). Along with additional masks, students should consider bringing additional PPE that they may need personally, including but not limited to hand sanitizers and gloves. When asked to bring a respirator or N95 for class, please consider the best option for the supply in your area with health care workers in mind.

In addition to the new operating policies due to COVID-19, Arrowmont is providing additional information to students about materials and tools that will be provided in classrooms. If a student already owns the below items and can travel with them, the student can choose to bring these additional items. Arrowmont will provide these items to students but wants to ensure that all students feel comfortable while on campus as some of these items will be shared amongst a class and are not guaranteed to be one per student.

### **SUPPLIES**

- *Please see highlighted above*

If a student chooses to mail tools and supplies to Arrowmont prior to the class, the packages will be placed in the student's classroom.

Please label packages clearly, including student's name and class week.

Students can mail packages to:

Arrowmont  
C/O Student Name and Class Week  
556 Parkway  
Gatlinburg, TN 37738

### **MATERIALS FEES: \$75.00-\$100.00**

**Materials fees** will be charged for materials used in the studio and/or provided by instructors for use in the studio by the entire class. In order to keep these fees as low as possible, fees are assessed on an individual class basis and may vary from class to class depending on the amount of materials used and the number of students in the class. Materials fees are paid on the last day of class.

The woodturning lab is one of the most advanced wood turning studios in the country. We are proud to have quality lathes for your use. The types of lathes are Oneway, Powermatic, Robust, Robust sit-down lathe, and Jet mini lathes. The spindle size for all the lathes are 1 1/4 x 8TPI except for the Oneway which uses a metric spindle 33mm x 8TPI. All the lathes come equipped with an Oneway Stronghold chuck, drive centers, cup centers, step centers, live centers, and other basic and essential items. The woodturning lab is not equipped with extra lathe accessories. You may wish to bring your own, which ever you choose is fine.

The wood studio provides wood for each class as requested by the instructor. Our wood supply is of local indigenous woods. If you have access to wood in your area, and would like to bring your own to use or share with fellow classmates, please familiarize yourself with laws and regulations in bringing wood across state lines before doing so. The U.S. Department of Agriculture (USDA) has requirements in place to help protect the environment locally and nationally that are regulated on federal and/or state levels.

If you have any questions concerning the wood studio or tools, please feel free to email Heather Ashworth, wood studio technician, at e-mail [hashworth@arrowmont.org](mailto:hashworth@arrowmont.org).

**Please be advised that above course description and materials list is written and approved by the instructor.**

If you have any additional questions about this class, below is the contact information for your instructor:

720-837-0552

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hoehle1@gmail.com

[www.studiocsh.com](http://www.studiocsh.com)