

Lathe III - Turning a Box and Goblet

Instructors: Bill Gentry

Prerequisite: Must have completed Lathe I (or the permission of lead instructor), and study of the videos and documents listed below ... before the class:

Enrollment: Limited to three per class with a minimum of two

Schedule. **Two sessions** - normally 3 hours on each monthly in the Machine Room with three dedicated lathes (verify dates and times using on-line wood club monthly calendar).

Student Materials to Buy & Prepare Prior to Class: Each student will need to bring a 3" X 3" X 12" blank which you have rough turned into approximately 3" cylinder to the class, from which to turn a 4" (+-) tall box and a 7" goblet. The blank can be a single piece, or it can be glued up from boards. If glued up 3 or 4 – 12" long pieces of 3 1/4" wide rough-cut wood will be needed. The pieces will need to be planed smooth on both sides and glued overnight. They must be either Poplar or Alder. These are easily worked woods yielding a pleasant looking product with a smooth finish. You can purchase either of these in the Lumber Room. Approx. 1" length to be lost in tenons and parting.

Description. The student will be introduced to more complex lathe operations and on the first day will make a hollow lidded box. The second day will be devoted to making a goblet. Before cutting anything the "catch" and how to avoid it will be reviewed. You will be using bowl and spindle gouges, a scraper and a parting tool. The jam chuck will be introduced and there will be an emphasis on proper tool rest placement. In this class, we will focus on advanced techniques using the roughing gouge, bowl gouge, scraper, and parting tool. Using the concepts learned in this course they can be extrapolated to turning a bowl.

Fee: \$30 - not including student pre-purchase and preparation of material **Tools** will be provided, or students may use their own.

Pre-Class Study Material: Videos:

Wood Turning - English Oak Lidded Box with Queen Ebony Knob

<https://youtu.be/TirmTvmykP8>

Turning a Capsule Box | Woodturning Inspiration

<https://youtu.be/akObxu3TWU0> Turning a goblet with Mike

Waldt <https://youtu.be/S8KrtPQfXQ0>

Bowl Turning Basics with Stuart Kent (Uses carbide tools) <https://youtu.be/dn8guwLr96A>

Documents: [Session 2](#)

[Woodturner's Fear Factor](#)

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