

2X4 SPINDLES & CANDLESTICK PROJECTS

The purpose of this class is to reinforce and enhance your knowledge, understanding and ability to correctly use traditional turning tools, perform on-lathe joinery and jam chucking.

TIMELINE (7-hour class) Workshop times from 9:00am to 4:00pm.

- 30 minutes (9:00a – 9:30a) class orientation, safety rules & information.
- 30 minutes (9:30a-10:00a) spindle turning warm-up exercise
- 4 hours (10:00a – 2:00p) candlestick project, includes 45-minute lunch at 12:00 – 12:45.
- 1½ hours (2:00p – 3:30p) small bowls (+ optional tops if time allows).
- 30 minutes (3:30p – 4:00p) clean-up and final class review at 3:50p.

MATERIALS, TOOLS & EQUIPMENT

Blanks, all cut from knot free **Pine or Fir 2x4**

1. Spindle Turning Exercise. One blank, 1½ x 1½ x 7
2. Candlestick Project.
 - a. One (1) base blank, 3½ x 3½ x 1½
 - b. Two (2) spindle blanks, 1½ x 1½ x 8
 - c. Three (3) jam chuck blanks, 1½ x 1½ x 3½ (2 extra for spinning top blanks)
 - d. One (1) story stick blank, ¼ x 1½ x 8 (spindle blank off-cut from 2x4)
3. Small Bowl Project. Two blanks, 3½ x 3½ x 1½.

Turning tools:

¾ Spindle Roughing Gouge, ¾ Skew Chisel, ⅜ Bowl Gouge, ⅜ Spindle Gouge, ⅛ Parting Tool

Lathe w/ following attachments and equipment:

(Most of these items will be at the KLC.)

1. Drive center & revolving tailstock center
2. 4-jaw chuck with #2 jaws and screw
3. Chuck screw spacer – 2” square of ¼” hardboard with ½” hole in center
4. Jacobs chuck
5. ¾ spade bit
6. Cordless drill + drill bit sized for chuck screw
7. Pencil & Ruler
8. Outside calipers with rounded tips
9. Safety glasses / face shield
10. Center punch (nail) & centering block (¾ x ¾ x 4 or pen blank)
11. 12”x12” square piece of drawer liner (for gripping/removing blanks)

Complete class information/handout with given before class upon signup.

Rick Rich instructor – February 14, 2025