

MultiAxis Disc Presentation Needs List

Dennis Belcher June 2019

Demonstration Wood Needs

None – I will bring demonstration blanks with me already prepped and all necessary supplies.
For the hands on clinic, the program director has one of three options to select. Please call.

Needs List for Club Demonstration

Lathe with 1 ¼ x 8 thread. Lathe height of 49” would be great.

Table[s] for tools. Need about 8 feet of table space.

White board and markers with eraser.

Dust Vacuum for carving dust.

Projector and screen

Computer running Windows 10 tied to projector for a MP4 file.

MP4 file will be on a flash drive and SDHC card

Vacuum pump and control hose with gauge.

Needs list for Hands On Clinic

2 Blanks for each participant and 2 instructor blanks. One in cherry and one hard maple

Band saw to cut each blank.

Drill press capable of drilling a 3/8” hole into the top of each blank. 3/8” drill bit

Lathe for each participant. Can be mini, midi, or full size.

Chuck for each lathe with matching screw chuck.

Drill bits matched to the core diameter of the screw chucks that will be used.

The front and rear face of the disc can be mounted with a vacuum chuck or between centers. If between centers, Steb (Safety Centers) live and drive centers are preferred

Grinder for sharpening.

Drill chuck for each lathe

Drill bit for test tube - 11/16 diameter. This is an odd size, ¾ will work, but test tube will be loose in hole. 11/16 is better. I will have one with me, but a couple more for the clinic is good.

Couple of grocery shacks.

Couple of pairs of scissors

Two bottles of rubber cement

Two bottles of Elmer's School glue (white)

Needs List Hands on Participant

Set of turning tools. Primary tools used will be a bowl gouge. 3/8 and ¼ inch gouges are preferred.

Dust protection

Safety glasses or shield

Bring with you any texturing, or carving tools that you would like to try.

Vacuum system and chuck matched to the clinic lathe, if you have one.

Jumbo /Cole Jaws, if you have one.

Steb Centers – drive and live if available. If not, then centers that tear into the wood as little as possible.

Screw chuck to match your chuck.