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Metal Fabrication for the Woodworker: Hardware Focus

May 18-22, 2020

And

Metal Fabrication for the Woodworker: Make a Custom Workbench

October 12-16, 2020

Both with Matt Burney

Tool List:

Students need to bring:

4-1/2" angle grinder

4-1/2" cut-off wheels (Quantity 5), a grinding wheel, 60 grit flap disc

4-1/2" flexible backing pad and assortment of grits of 5" resin fiber discs (36, 60, 100+)

Metal calipers (vernier, or digital)

Center punch

Pliers with side cutters, or welding pliers

Safety glasses

Hearing protection

Welding helmet (auto darkening highly recommended)

Cotton or flame resistant long-sleeved clothing (denim shirts and jeans work great, no synthetics!)

Close toed, all-leather shoes (synthetic materials don't do well with sparks & heat)

All leather work gloves and/or MIG welding gloves

Sharpie (fine point)

Mason's chisel (Dasco 1.5 inch works great)

Ball peen hammer

At least 2 steel clamps (Irwin 11SP is my favorite), but regular C-clamps are fine.

Optional:

Your personal welder (220 V, single phase, CO2/Argon tank)

TIG welding gloves

Mill files (round/flat/half round)