



Appalachian Center for Craft

TENNESSEE TECH

Materials List

Working With Steel in Jewelry, with Christine Clark

July 17-22, 2022

A studio fee of \$60 is payable to the Appalachian Center for Craft for a variety of steel, chemicals and other supplies.

Student Supply List - Students should come to class with:

- Flat nose pliers, like these: <https://www.riogrande.com/product/flat-nose-pliers/111912>
- Round nose pliers, like these: <https://www.riogrande.com/product/round-nose-pliers/111913>
- Chain nose pliers, like these: <https://www.riogrande.com/product/chain-nose-pliers/111911>
- diagonal cutters, like these: <https://www.harborfreight.com/search?q=%20wire%20cutters>
- Lineman's pliers, like these: <https://www.harborfreight.com/search?q=lineman%20pliers>
- Jeweler's saw
- Jeweler's saw blades - #4, #0, #2/0, #0/4 <https://www.riogrande.com/product/herkules-white-label-saw-blades/1100509p>
- Flat file WITH A HANDLE
- ½ round file WITH A HANDLE
- ruler with inches and millimeters
- 18-24" ruler or small tape measure
- Two pair of straight cross lock tweezers, like these: <https://www.riogrande.com/product/stainless-steel-straight-cross-lock-tweezers-with-fiber-grip-handles/115051>
- 1 pair fine tweezers for soldering like these: https://www.jewelrystore.com/Non-Magnetic-Narrow-Tweezers_p_11761.html
- Safety glasses and/or goggles
- Thin-ish, wrist-length leather gloves (that fit you!)
- Ear protection
- THIS IS IMPORTANT - BE SURE YOU BRING THIS #5 shade welding goggles or glasses (if you wear glasses, find the kind that will fit over your glasses. You can find these at any local welding shop. Cheap ones are fine.) If you wear reading glasses, buy the type of welding goggles that can be fitted with a reading correction. Or you can just use your readers under the goggles. Regardless, you must be able to see close up, really well.
- Long pants (preferably jeans or something cotton)
- Closed toed shoes (anything not fancy is fine, just bring an alternative to sandals)
- Hair ties or something to keep long hair tied back

- Writing utensils
- Sketch book or notebook
- Regular permanent markers (such as Sharpie, black and silver color if you can find it)
- A few cotton rags or old hand towels
- Nitril gloves
- Safety glasses
- Sandpaper – 4 sheet each of 220, 320, 400, 600 wet/dry sandpaper -
https://www.amazon.com/Dura-Gold-Professional-Automotive-Woodworking-Sandpaper/dp/B07DTLDYZM/ref=sxin_14_pa_sp_search_thematic_sspa?crd=XQ49WF1WLEM6&cv_ct_cx=wet+dry+sandpaper+assortment&keywords=wet+dey+sandpaper+assortment&pd_rd_i=B07DTLDYZM&pd_rd_r=bc538d75-97ac-4d3e-8695-e3905bec4726&pd_rd_w=UoCuV&pd_rd_wg=ot5yB&pf_rd_p=eca726a8-ofoc-4d15-a045-de730411b965&pf_rd_r=JJXVC7G59NDJXoQNAgEN&qid=1648758911&srefix=wet+dry+sandpaper+assortment%2Caps%2C67&sr=1-4-a73d1c8c-2fd2-4f19-aa41-2df022bcb241-spons&psc=1&smid=A23ADOZFIJNPF&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUExVVJVNkZKTjUyS1Q1JmVuYyJ3J5cHRIZElkPUeWNDY0MjczMzIOTotJODBEVjRTRCZlbnNyeXB0ZWZWRBZEIkPUeWODIyNzA5MoZCS1coR0oxOUlZTiZ3aWRnZXROYW1lPXNwX3NIYXJjaF9oaGVtYXRpYyZhY3Rpb24gY2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=
- Headphone style ear protection
- Handy paste flux - <https://www.riogrande.com/product/handy-flux-paste-with-brush-for-soldering-and-annealing/504084>
- H, M, E, solder in both sheet and wire – available from Rio Grande
 - Wire - <https://www.riogrande.com/product/silver-wire-solder-22-ga/101707gp>
 - Sheet - <https://www.riogrande.com/product/silver-wire-solder-22-ga/101707gp>

Optional student supply list:

- Please bring these only if you have them, want to have your own, or you're just a tool junky and have to have them!
- Copper, brass, bronze OR silver wire in various gauges between 20 - 14g if you want to work with a little non-ferrous metal with steel.
- Second pair of flat pliers
- Parallel jaw pliers with smooth jaws inside, like these: <https://www.riogrande.com/product/flat-nose-parallel-action-pliers/111321>
- Euro Tool Multi-Size Looping Pliers from Otto Frei PLR-736.00 \$16.95
- Flat and round nose forming pliers from Rio Grande: <https://www.riogrande.com/product/rio-grande-german-flat-and-round-nose-forming-pliers/111190> or like this: <https://www.ottofrei.com/Otto-Frei-5-1-8-Round-Flat-Nose-Mirror-Polished-Bending-Pliers>
- Optivisors (if you need them)
- Rawhide mallet or plastic mallet, like this: <https://www.riogrande.com/product/Yellow-Plastic-Head->

- Planishing hammer, like this: <https://www.riogrande.com/product/fretz-mkr-1-maker-jewelers-planishing-hammer-4-4-oz/112980>
- Other hand tools you like to work with
- Mild steel sheet 22, 20, 18 gauge (Just a few flat scraps, not a lot. If you don't have this, nevermind)

If you have questions about materials, please contact the instructor directly at christine@cclarkstudio.com or you may call us at 931-372-6883.