

Pocosin Arts *School of Fine Craft*

Materials and Equipment

Instructor Name: Christine Clark

Please consider carefully all the tools and materials you will need to successfully complete your workshop. Provide as much detail as possible. Please email Eli Arenas at zoom@pocosinarts.org with any questions.

Providing the supplier name and exact item number assure that we purchase exactly what you need.

| Quantity | Item / Tool / Material list | Supplier | |
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| 1 | #5 shade green welding glasses only if you do not wear glasses at all (even for seeing close) - | https://www.grainger.com/product/PYRAMEX-Safety-Glasses-Anti-Scratch-45CR26 | Buy these if you DO NOT need glasses to see |
| 1 | #5 shade green welding goggles PLEASE NOTE: It's important that you can see really well through your dark glasses, so make sure you bring your readers and goggles to fit over your glasses. If you can't see, you can't weld. | https://www.grainger.com/product/WESTWARD-Welding-Goggles-W5-1UYG2?opr=APPD&analytics=altItems_4T544 | Buy these IF YOU NEED TO WEAR GLASSES, either distance or close work. |
| 1 each | Sketch book or notebook for drawing and taking notes Writing utensil Leather gloves that fit you (make sure you find ones that fit!) Ear/hearing protection Safety glasses Permanent marker | | These are general tools and things you can get locally |

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| 1 | Flat nose jeweler's pliers | https://www.riogrande.com/product/flat-nose-pliers/111912 | | |
| 1 | Round nose jeweler's pliers | https://www.riogrande.com/product/round-nose-pliers/111913 | | |
| 1 | Chain nose jeweler's pliers | https://www.riogrande.com/product/chain-nose-pliers/111911 | | |
| 1 | Heavy duty side cutters The second supplier link is for cutters that are very expensive but they are really amazing. | https://www.harborfreight.com/6-in-diagonal-cutters-63816.html https://www.riogrande.com/product/maun-compound-diagonal-cutters-sleeved/111778 | | You'll do fine with the cheap cutters for now. But if you have the money, you can go for the fancy cutters. |
| 1 | Flush cutters DO NOT CUT ANYTHING HEAVIER THAN 16G – you'll ruin them and these are expensive | https://www.riogrande.com/product/tr5000r-italian-flush-cutters/111105 | | Optional, but REALLY HELPFUL |
| 1 | Lineman's pliers | https://www.harborfreight.com/search?q=lineman%27s%20pliers | | |
| 1 | Ball peen hammer | https://www.acehardware.com/departments/tools/hand-tools/ball-pein-hammers/2191849 | | optional |
| 1 | Rawhide mallet OR Deadblow hammer | https://www.riogrande.com/product/Rawhide-Mallet-6-oz/112215 https://www.harborfreight.com/1-lb-neon-orange-dead-blow-hammer-41796.html? br_psugg_q=dead+blow | | I prefer a rawhide mallet but are expensive compared to the Harbor Freight deadblow hammer. Both will work |

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| 1 | Coarse flat file with handle File handle | https://www.acehardware.com/departments/tools/hand-tools/files/21311 https://www.acehardware.com/departments/tools/hand-tools/files/21338 | | |
| 1 | 12-18" ruler AND | | | Helpful to have a ruler with mm on one side. |
| 1 | Soft fabric measuring tape | | | Any fabric store |
| 1 | Smith Little Torch (with tips and torch holders) You'll need a #3,4,5 tips | https://www.riogrande.com/product/basic-smith-little-torch-all-fuels-system-with-five-tips/500057 | | |
| 1 each | Oxygen regulator and acetylene regulator | https://www.facebook.com/marketplace/item/1700919633631817/?ref=search&referral_code=marketplace_search&referral_story_type=post&tracking=browse_serp%3A95e3cb30-b613-4a3a-ab21-db4e0094b51a | | If they still have this on Facebook Marketplace, this is such a good deal. |
| 1 each | Oxygen tank and acetylene tank Get these from your local welding shop. Do not order this on line, you'll be paying way too much. | | | |

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| 1lb spools or 5lb spools | .080 – 1 5lb spool - 8870K69 (these are order numbers) .063 – 1 5lb spool - 8870K51 .048 – 1 5lb spools - 8870K52 .035 – 1 5lb spool – 8870K54 .016 – 1 5lb spool – 8870K58 | https://www.mcmaster.com/wire/steel/low-carbon-steel-wire-7/ | | This is black annealed low carbon steel wire. |
| 1 | Third hand base | https://www.riogrande.com/product/round-third-hand-base-with-tweezers/502066 | | |
| 2 or 3 | cross lock tweezers | https://www.riogrande.com/product/stainless-steel-straight-cross-lock-tweezers-with-fiber-grip-handles/115051 | | |
| 1 | Surfaces to solder on such as kiln shelves (the best), kiln bricks, anything flat and fireproof. If you have a local ceramics supply store, you could ask them if they have any broken kiln shelves that you can have or at a very reduced price. | | | |
| 1 | Little Torch stand/holder | https://www.riogrande.com/product/smith-little-torch-holder/500018 | | Really helpful but optional |
| 1 | Glass Pyrex baking dish – rectangular, for quench bath | | | |
| 1 | Sculpt Nouveau Black Magic 8oz | https://sculptnouveau.com/products/traditional-black-patinas?_pos=1&_sid=0846807cd&_ss=r&variant=6890662035521 | | |

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| 1 | Sculpt Nouveau clear Metal Oil 8oz | https://sculptnouveau.com/products/metal-oil?_pos=1&_sid=3db9c5802&_ss=r | | |
| 1 | Sculpt Nouveau Metal Degreaser 8oz | https://sculptnouveau.com/products/metal-degreaser?_pos=1&_sid=dfb64ed6d&_ss=r | | You might be able to find a cheaper metal degreaser at your hardware store |
| 1 | <p>Plastic Tupperware-type container –old ones would be good, you’ll probably ruin it. This is for the Black Magic patina.</p> <p>Cotton Rags and small old towels</p> <p>cheap chip brushes, 1” wide – one for Black Magic patina and a couple for Metal Oil (they get ruined)</p> <p>https://www.harborfreight.com/1-in-chip-brush-58105.html</p> <p><u>Optional but really helpful:</u></p> <p>Vise attached to a solid bench. We will use this to pull wire to straighten it. If the vise is not attached to a bench that’s then attached to the wall, you’ll just end up pulling the vise and bench across the room!</p> <p>Anvil or large-ish surface plate to hammer wires flat.</p> | | | |
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