

# Pocosin Arts School of Fine Craft

## Materials and Equipment

Instructor Name: Victoria Lansford - Granulation Ring Tool & Supply List

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](mailto:zoom@pocosinarts.org) with any questions.

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

| Quantity | 1  | Supplier  | Student will order |   |
|----------|--|---|--------------------|---|
|          |  |   |                    |   |
|          | Please note all metal should be dead soft STERLING from RIO GRANDE (not argentium or fine silver!) | Please order from Rio - Sometimes theirs isn't perfect either but I've had horrible blistering problems with metal from other suppliers.  |                    | x |
| 1        | Flat pliers  | <a href="https://www.riogrande.com/product/swanstrom-flat-nose-pliers/111301">https://www.riogrande.com/product/swanstrom-flat-nose-pliers/111301</a>                                   |                    | x |
| 1        | Round pliers   | <a href="https://www.riogrande.com/product/swanstrom-long-round-nose-pliers/111298">https://www.riogrande.com/product/swanstrom-long-round-nose-pliers/111298</a>                       |                    | x |
| 1        | Fine chain nose pliers (regular chain nose ok too)   | <a href="https://www.riogrande.com/product/swanstrom-micro-chain-nose-pliers/111152">https://www.riogrande.com/product/swanstrom-micro-chain-nose-pliers/111152</a>                     |                    | x |
| 1        | Delrin flat pliers   | <a href="https://ww2.riogrande.com/product/swanstrom-flat-nose-pliers-with-delrin-jaws/111327">https://ww2.riogrande.com/product/swanstrom-flat-nose-pliers-with-delrin-jaws/111327</a> |                    | x |
| 1        | Curved Forming Pliers  | <a href="https://ww2.riogrande.com/product/forming-pliers-with-nylon-jaws/111613">https://ww2.riogrande.com/product/forming-pliers-with-nylon-jaws/111613</a>                           |                    | x |

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| 1 | Deep Bending Forming Pliers  | <a href="https://ww2.riogrande.com/product/nylon-jaw-deep-bending-forming-pliers/111665">https://ww2.riogrande.com/product/nylon-jaw-deep-bending-forming-pliers/111665</a>                                     |  | x |
| 1 | Oblique End Cutters (snips ok too)                                     | <a href="https://www.riogrande.com/product/rio-grande-german-slimline-oblique-end-cutters/111263">https://www.riogrande.com/product/rio-grande-german-slimline-oblique-end-cutters/111263</a>                   |  | x |
| 1 | Round ring mandrel   | <a href="https://www.riogrande.com/product/durston-steel-tapered-ring-mandrel/112322">https://www.riogrande.com/product/durston-steel-tapered-ring-mandrel/112322</a>   |  | x |
| 1 | Handy Flux & flux brush  | <a href="https://www.riogrande.com/product/Handy-Flux-Paste-with-Brush-for-Soldering-and-Annealing/504084">https://www.riogrande.com/product/Handy-Flux-Paste-with-Brush-for-Soldering-and-Annealing/504084</a> |  | x |
| 1 | Soldering Torch  |   |  | x |
| 1 | & pickle pot   |   |  | x |
| 1 | Soldering Tweezers   |   |  | x |
| 1 | Solder Pick  |   |  | x |
| 1 | Solderite board, compressed charcoal block, or other soldering surface |   |  | x |
| 1 | fire extinguisher  |   |  | x |
| 1 | Saw (economy, fancy, or whatever)                                      | economy: <a href="https://www.riogrande.com/product/german-adjustable-jewelers-4-saw-frame/110042">https://www.riogrande.com/product/german-adjustable-jewelers-4-saw-frame/110042</a>                          |  | x |
| 1 | 2/0 Saw blades   | <a href="https://www.riogrande.com/product/Laser-Gold-20-Saw-Blade-Pkg12/110306">https://www.riogrande.com/product/Laser-Gold-20-Saw-Blade-Pkg12/110306</a>   |  | x |

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| 1 | flat/half-round needle file   | <a href="https://www.riogrande.com/product/friedrich-dick-half-round-needle-files/114746gp">https://www.riogrande.com/product/friedrich-dick-half-round-needle-files/114746gp</a>                             |  | x |
| 1 | scriber (any kind)  | <a href="http://www.riogrande.com/Product/Steel-Double-Ended-Twist-Scribe/118456?Pos=5">http://www.riogrande.com/Product/Steel-Double-Ended-Twist-Scribe/118456?Pos=5</a>                                     |  | x |
| 1 | rawhide or urethane hammer (any kind ok)                                      | <a href="http://www.riogrande.com/Product/Lead-Filled-Rawhide-Mallet/112206?Pos=5">http://www.riogrande.com/Product/Lead-Filled-Rawhide-Mallet/112206?Pos=5</a>   |  | x |
| 1 | Helpful: chasing hammer (Any kind ok. My favorite is the Fretz 417 in link)   | <a href="https://www.riogrande.com/product/fretz-hmr-417-precisionsmith-chasing-hammer-1-8-oz/112588">https://www.riogrande.com/product/fretz-hmr-417-precisionsmith-chasing-hammer-1-8-oz/112588</a>         |  | x |
| 1 | Optional: planishing hammer (any kind)  | <a href="https://www.riogrande.com/product/fretz-mkr-401-maker-precision-planishing-hammer-1-5-oz/112986">https://www.riogrande.com/product/fretz-mkr-401-maker-precision-planishing-hammer-1-5-oz/112986</a> |  | x |
| 1 |   |   |  | x |
| 1 | Flex shaft, micromotor or Dremel  |   |  | x |
| 1 | Suggested for clean up: Course, med, and high shine silicon knife edge wheels | <a href="https://www.riogrande.com/product/dedeco-try-em-silicone-polishing-wheel-assortment/332579">https://www.riogrande.com/product/dedeco-try-em-silicone-polishing-wheel-assortment/332579</a>           |  | x |
| 1 | OR  |   |  | x |
| 1 | "Swiftly 1-step, 7/8" knife edge wheels                                       | <a href="https://contenti.com/swifty-1-step-rubberized-abrasives">https://contenti.com/swifty-1-step-rubberized-abrasives</a>   |  | x |

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| 1 | Suggested for clean up: Mini muslin buff and screw top mandrels for flex shaft | <a href="https://www.riogrande.com/product/tight-weave-fine-muslin-buffing-wheel-1-1-4x-16-ply/330708">https://www.riogrande.com/product/tight-weave-fine-muslin-buffing-wheel-1-1-4x-16-ply/330708</a><br>and<br><a href="https://www.riogrande.com/product/screw-mandrel-304-stainless-steel/333120">https://www.riogrande.com/product/screw-mandrel-304-stainless-steel/333120</a> |  | x |
| 1 | Brass brush wheels for flex shaft  | <a href="https://www.riogrande.com/product/stoddard-crimped-wire-brass-brush-mounted/338407">https://www.riogrande.com/product/stoddard-crimped-wire-brass-brush-mounted/338407</a>   |  | x |
| 1 | Luxi high polish final compound (or other water soluble compound)              | <a href="https://www.riogrande.com/product/luxi-orange-high-luster-polishing-compound/331099">https://www.riogrande.com/product/luxi-orange-high-luster-polishing-compound/331099</a>   |  | x |
| 1 | Calipers or dividers   | <a href="https://www.riogrande.com/product/steel-electronic-digital-caliper-4/115189">https://www.riogrande.com/product/steel-electronic-digital-caliper-4/115189</a>   |  | x |
| 1 | Metal ruler  | <a href="https://www.riogrande.com/product/steel-ruler-with-conversion-chart/116086">https://www.riogrande.com/product/steel-ruler-with-conversion-chart/116086</a>   |  | x |
| 1 | Bezel pusher   | <a href="https://www.riogrande.com/product/steel-prong-and-bezel-pusher-square/113034">https://www.riogrande.com/product/steel-prong-and-bezel-pusher-square/113034</a>   |  | x |
| 1 | Agate burnisher  | <a href="https://www.riogrande.com/product/agate-burnisher-knife-style-tip/111362">https://www.riogrande.com/product/agate-burnisher-knife-style-tip/111362</a>   |  | x |
| 1 |  |   |  | x |
| 1 | Medium size steel bench block (small ok too)                                   | <a href="http://www.riogrande.com/Product/4-x-4-x-3-4-Steel-Bench-Block/112570?Pos=4">http://www.riogrande.com/Product/4-x-4-x-3-4-Steel-Bench-Block/112570?Pos=4</a>   |  | x |
| 1 |  |   |  | x |

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| 1      | Joyce Chen or other sharp shears                                    | <a href="https://www.amazon.com/Joyce-Chen-51-0220-Unlimited-Scissor/dp/B0000CFLH7/ref=sr_1_2?crid=HRNZDIV0KEFH&amp;dchild=1&amp;keywords=joyce+chen+scissors&amp;qid=1607112717&amp;srefix=joyce+chen%2Caps%2C168&amp;sr=8-2">https://www.amazon.com/Joyce-Chen-51-0220-Unlimited-Scissor/dp/B0000CFLH7/ref=sr_1_2?crid=HRNZDIV0KEFH&amp;dchild=1&amp;keywords=joyce+chen+scissors&amp;qid=1607112717&amp;srefix=joyce+chen%2Caps%2C168&amp;sr=8-2</a> |  | x |
| 1      | MUST HAVE Compressed charcoal block (must be "compressed" type)     | <a href="https://ww2.riogrande.com/product/Long-Life-Hard-Charcoal-Soldering-Block-5-12/502027">https://ww2.riogrande.com/product/Long-Life-Hard-Charcoal-Soldering-Block-5-12/502027</a>   |  | x |
| 1      | AA or MM Boley style tweezers that have not been used for soldering | <a href="https://ww2.riogrande.com/product/blue-heron-aa-stainless-precision-pattern-tweezers/115018">https://ww2.riogrande.com/product/blue-heron-aa-stainless-precision-pattern-tweezers/115018</a>   |  | x |
| 1      | Small dapping punch 3-6 mm ok or Eastern repousse planishing tool   | <a href="https://www.riogrande.com/product/eastern-repoussé-chasing-tools-set-of-8/113155">https://www.riogrande.com/product/eastern-repoussé-chasing-tools-set-of-8/113155</a>   |  | x |
| 1 foot | Easy sheet or wire silver solder                                    | <a href="https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Easy/101100">https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Easy/101100</a>   |  | x |
| 1 foot | Medium sheet or wire silver solder                                  | <a href="https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Medium/101703">https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Medium/101703</a>   |  | x |
| 1 foot | Hard sheet or wire silver solder                                    | <a href="https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Hard/101704">https://www.riogrande.com/product/Silver-Wire-Solder-20-Ga-Hard/101704</a>   |  | x |
| 1      | Dental floss  | whatever  |  | x |

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| 1       |  | <a href="https://www.amazon.com/dp/B07MJ66GW1/ref=sspa_dk_detail_5?psc=1&amp;pd_rd_i=B07MJ66GW1&amp;pd_rd_w=09ehG&amp;pf_rd_p=7d37a48b-2b1a-4373-8c1a-bdcc5da66be9&amp;pd_rd_wg=z9dml&amp;pf_rd_r=AC4Q4BS2H56SWY81DH6Z&amp;pd_rd_r=7acb64c7-fa88-4e75-8b5b-40a4d0a70cb9&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFZNEZVUUhDN1hETkomZW5jcnlwdGVkSWQ9QTAxOTg3MTkzVjBITzFISUUXREhQJmVuY3J5cHRIZEFkSWQ9QTA2NjQ0MzJUMUEwMVVIWUZSJndpZGdldE5hbWU9c3BfZGV0YWlsJmFjdGlvbj1jbGlja1JIZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==">https://www.amazon.com/dp/B07MJ66GW1/ref=sspa_dk_detail_5?psc=1&amp;pd_rd_i=B07MJ66GW1&amp;pd_rd_w=09ehG&amp;pf_rd_p=7d37a48b-2b1a-4373-8c1a-bdcc5da66be9&amp;pd_rd_wg=z9dml&amp;pf_rd_r=AC4Q4BS2H56SWY81DH6Z&amp;pd_rd_r=7acb64c7-fa88-4e75-8b5b-40a4d0a70cb9&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFZNEZVUUhDN1hETkomZW5jcnlwdGVkSWQ9QTAxOTg3MTkzVjBITzFISUUXREhQJmVuY3J5cHRIZEFkSWQ9QTA2NjQ0MzJUMUEwMVVIWUZSJndpZGdldE5hbWU9c3BfZGV0YWlsJmFjdGlvbj1jbGlja1JIZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==</a> |  | x |
|         | Small sable artist's brush (like for painting small lines) PLEASE NOTE: does not have to be this brand! You only need the 0 or the 2 not the whole set. Can get from any art supply store. |   |  |   |
| 1       | Scotch Brite Pad<br>(the green kind from the grocery store)  |   |  | x |
| 1       |  |   |  | x |
| 1       | 1 small cabochon of your choice, 5-7 mm wide max, round and oval work best   |   |  | x |
| 3" x 3" | 24 gauge STERLING SILVER (not fine or Argentium)   | <a href="https://www.riogrande.com/product/Sterling-Silver-3-Sheet-24-Ga-Dead-Soft-Brushed-Finish/100460">https://www.riogrande.com/product/Sterling-Silver-3-Sheet-24-Ga-Dead-Soft-Brushed-Finish/100460</a>   |  | x |
| 3 feet  | 20 gauge sterling silver round wire  |   |  | x |

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| 1     | Fine silver or 22k bezel wire to fit your stone (You can solder the bezel closed ahead of time if you wish, but do not solder it to a back sheet yet.) |  |  | x |
| 6 in. | OPTIONAL 18g gold 18k round wire also from Rio Grande (theirs is zinc free)  |  |  | x |
|       |  |  |  | x |