

October 17 - 22, 2017 'Creative Stone Setting' Art Metal Makers WildAcres, NC

For many contemporary jewelers, stone setting begins and ends with the basic bezel setting. This workshop is designed for those who are ready to move beyond mere basics and wish to enlarge their repertoire of stone setting skills. Participants learn how to design, construct and set a variety of alternative bezel, prong and graver settings that will accommodate various cuts, shapes and sizes of stones. Topics covered include: practical gemstone applications and considerations; appropriate tools and how to prepare and use them; construction tips and tricks; alternative setting methods, and creative design modification. Competent soldering and fabrication skills required.

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### Student Supply List

Note: For your convenience, I have provided item #'s from the current Grobet/Vigor catalog because it is widely used (e.g. Allcraft, Metalliferous; etc.). Regardless of the supplier from whom you prefer to purchase tools and supplies, this may assist you in identifying and locating the specific items I have listed below.

**Stones:** \*Cabochons: Assorted shapes and sizes. Try to include in your assortment at least one oval (+ 8mm X 10mm to 10mm X 12mm range); several small (+ 2mm to 4mm range) round or oval, and at least one "angular" cut (e.g., cushion, triangle, pear, etc.; 10mm to 20mm range).

\*Faceted Stones: (i.e. synthetic corundum, spinel or cubic zirconia - any color). Bring four to six 2.5 mm rounds, several 4.5 mm or 5 mm rounds, and several larger rounds, approximately 8 mm to 10 mm in diameter. I strongly suggest synthetics as they are inexpensive, durable and flaw free, and are perfect for learning/practicing, (you may, of course, use genuine stones if you prefer).

**Metal:** \*Sterling Silver Sheet: Bring what you can; 16 ga., 18 ga., 20 ga., and 24 ga., are the best for the settings we'll be making. Try to bring some of each, if possible.

\*Sterling Silver Wire: a minimum of 1 foot of 16 ga. round; several inches of 10 gauge square.

**Tools and Supplies:** \*Your Own Basic Tool Kit: e.g., jeweler's saw & blades (#1; #2/0; and #4/0 suggested); pliers; needle files; burnisher; assorted drill bits, etc. In addition, try, if possible, to include the following (very useful) items in your tool kit:

\* Flat/ half-round forming pliers (#008-04)

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\* #4-cut Barrette needle file (#31.452)

\* Scissor-handled plate shears (#53.800).

\* Soldering Tools & Supplies: - 1 pair fine-pointed tweezers (#57.0651) - 1 pair fiber-gripped cross-lock soldering tweezers (pointed, straight tipped) (#57.0373) - silver solder (H, M, E) - flux brush; shallow dish or vial for holding cut solder, etc. - paste flux

\*Gravers: - #52 Round (#36.182); carbon steel preferred - #42 flat (#36.142); carbon steel preferred

\* Graver handles (for both): (I prefer #37.858 mushroom handles with a flat side). Bring a 3/32" or 1/8" drill bit to pre-drill handle prior to mounting graver blade. We will adjust length and mount handles at the workshop.

\* Prong Pusher (#53.146) - flat ended, no groove (if you already own a pusher with a groove at the end, we can grind it flat at the workshop)

\* 6" Stainless Steel Ruler (mm/inches) (#35.510)

\* Fine-Pointed Scriber (#52.958)

\* 3" Spring Dividers (#35.080)

\* Brass hand brush (#16.310)

\* Ring Clamp (#48.125)

\* Single-edged safety razor blade or matte knife

\* Beeswax (1 oz. tube; #002-10-01). Candle wax (paraffin) will not work.

\* Old tooth brush (several, if you have them)

\* Abrasive paper: at least 1 sheet each of Coarse (#11.0776/1), Medium (#11.0776/0) and Fine (#11.0776 3/0)

Useful Optionals - bring if you have: \* Optivisor \* Flexible shaft \* India oilstone; 6" X 2" X 1" (#10.451) \* Hard Arkansas honing stone; 4" X 2" X 1/2" (#10.551) \* small folding pocket knife \* Set/Stone Setting burrs (eg #19.886) \* assorted burrs (e.g. bud; hart; etc.) \* Vernier caliper (#35.178) - or - Sliding caliper (#35.152) - or - Degree gauge (#35.152) \* Flush-cutting nippers (eg. #46.058) \* Small, round, tapered mandrel(s) - similar small inexpensive punches can usually be found in assorted sizes in hardware sections of most department stores; center punches; scribes; etc. also make handy small mandrels. \* Shop apron

Suggested Suppliers:

Allcraft Tool & Supply (tools; general jewelry supplies) 135 W 29 (Suite #402) NYC 10001

Phone: (212) 840-1860 or (800) 645-7124

Dikra Gems (inexpensive gem stones) 56 W 45 Suite 1005 NYC 10036 phone (212) 869-6332