

'LOCKETS'

John Cogswell, Instructor

Student Supply List

Bring your own basic tool kit (saw; pliers; needle files; etc). Try to include the following items:

Layout; Design; Pattern-making:

- notebook; sketchpad; pencils; etc.
- manila file folders (for pattern-making; old, used ones are fine)
- masking tape
- wide-nibbed indelible marker
- fine-pointed indelible marker (e.g. laundry marker or razor-point)
- scissors

Hand tools:

- saw frame
- saw blades (e.g. #2; #0; #2/0)
 - assorted pliers (include a pair of parallel jaw pliers if you have them – very useful for holding small parts. A pair of 1/2 round/flat forming pliers and a pair of round/flat forming pliers are also very useful).
- flat hand file (e.g. "0-cut or 2-cut; 6" or 8" with handle)
- 6" steel ruler
- scribe
- center punch
- assorted small drillbits (e.g. #50 to #70 range)
- assorted needle files (#2 and /or #4-cut; make sure to include a 'joint' file - i.e. flat with teeth on rounded edges only)
- 2" or 3" spring dividers
- scissor-handled plate shears (shears designed for cutting thin sheet metal and solder)
- flush cutting nippers
- diagonal cutters (utility grade for cutting binding wire, etc)
- ring clamp
- brass hand brush
- nylon scouring pad

Soldering Supplies:

- silver solder (H, M, E)
- paste flux
- solder shears
- flux brush
- pointed tweezers
- self-locking soldering tweezers

Abrasive paper:

- at least one sheet each: #320; #400; and #600 (or Coarse, Medium and Fine). Best if wrapped around a flat wooden stick approx. 12"L x 1"W x 1/4"Thick, secured with an elastic hair tie

Metal:

- Sheet : The size of the pendant(s), bails and/or locket(s) that you design will determine the actual amount of metal that you will need. Think about your potential projects and plan accordingly. I suggest 22 or 24 gauge sterling silver. Bring any other gauges you may already have. With the volatile prices of precious metals, I do not recommend overbuying. However, what you bring with you will be what you have to work with. You may work in brass or Nu-gold if you prefer (I don't recommend copper or nickel silver). If you wish to try the reticulated silver, you will need to bring a piece also. I recommend a piece at least 3" x 3" x 24 gauge (minimum). Smaller pieces are hard to texture without melting.
- Tubing: 3" (minimum) **1 mm OD** (Metalliferous #SI8468; 1.0 mm OD x **0.5 mm ID**); other assorted sizes of tubing if you have and wish to bring.
- Wire: I suggest approximately one foot of each (minimum): 24 ga, 20 ga. 18 ga. and 16 ga. Round wire. Small lengths of other cross-sections (e.g. square, triangular, etc.) and gauges, if you already have them and think you may need them.

- Chain/Cord: If you want to put your locket/pendant on a chain or cord, be sure to bring some with you. You can use commercial jump rings and clasps, or you can make your own (always preferable).

Useful Optionals:

- if you want to incorporate gemstones in your pieces, bring them with you.
- if you want to put miniature 'windows' in your locket(s), clear acetate sheet or thin acrylic sheet works well
- Cut-off/Separating disks and mandrel
- Moore's snap-on sanding disks and mandrel
- apron
- green nylon scouring pad
- Optivisor or other magnifier
- tube-cutting jig
- mitre-filing jig
- flush-cutting nippers
- 2" X 2" steel bench block
- small rawhide mallet

Hauser & Miller Refiners
10950 Lin-Valle Drive
St. Louis, MO 63123
(800) 462-7447
(sterling and reticulation silver)

Allcraft Tools & Supply
135 West 29th Street, Suite #402
NYC, NY 10001
(800) 645-7124
(reticulation silver; tools)
www.allcraftusa.com

Hoover & Strong Refiners
10700 Trade Road
Richmond, VA 23236
(800) 759-9997
(sterling; tubing)

METALLIFEROUS
34 W 46 St
NYC 10036
(212) 944-0909

Rio Grande Albuquerque (tools; metal; stones)
6901 Washington NE
Albuquerque, NM 87109
(800) 545-6566