

Metals Week: If the Cuff Fits, Wear It!

Susan Saul

6/9/19 – 6/13/19

Materials to Bring:

Basic hand tools -

- Sawframe
- Sawblades 3/0 and 4/0
- Lubricant for sawblades
- Bench Pin
- Files
- Needle Files
- Assorted Sandpaper (wet/dry)
- Ring Clamp (wood preferred)
- Pliers (Round/Flat/etc.)
- Wire cutters
- Scribe
- 6" ruler
- Tweezers
- Magnifying glasses (if needed)

Workshop-specific items -

- Exacto knife w/ #11 blades
- Tropical Shine emory boards, 220/320 and 400/600 grit
- Weighted Delrin mallet (Rio Item #: 112472)
- Small steel cross lock tweezers (Rio Item #: 115205)
- Chasing tools and design stamps (if you have them)
- Small shears, such as Joyce Chen poultry shears
- Compressed charcoal block (Rio Item #: 502025)
- Polishing pads (Rio Item#: 337020)
- Graph paper, 5mm (*free download)
- Mechanical pencil - I like Papermate Sharpwriter
- Black fine point drawing pen
- **Metals**
 - 6 x 12", 20 ga. jewelers brass Rio Item #: 130120
 - 6 x 12", 24 ga. jewelers brass Rio Item #: 130124
 - Sterling wire scrap, 16, 18, 20, 22 ga
 - Optional: 3 x 8", 24 ga. sterling sheet
 - 3 x 8", 20 ga. sterling sheet
 - 1 x 6", 26 ga. fine silver sheet for bezels, if you want to use a
 stone in your design
 - 1 x 3", 24 ga 18K or 22K ss/gold bimetal HM
- **Solder**
 - Sterling EZ strip

Sterling Med strip plus 2 feet wire
Sterling Hard strip (not much needed)

Note - Strip solder is nice and thin, easy to cut and flow. Hauser is the manufacturer I prefer for quality and consistency, especially for hard solder.

- Stones you may want to use

Recommended/Optional:

- Task light for your bench
- Flex Shaft, Stand and flex shaft tools
- Bench Pin with "C" Clamp

Your lab fee covers:

- Use of all tools, equipment, and consumables such as solder and compounds

Suppliers:

Hauser and Miller (HM)	www.hauserandmiller.com	800-462-7447 Call to order. You won't be able to do it online.
Rio Grande (Rio)	https://www.riogrande.com	800 545 6566
Speedy Metals	https://www.speedymetals.com	866-938-6061
Otto Frei	http://www.ottofrei.com	(510) 832-0355
*Graph paper	http://www.printfreegraphpaper.com/gp/c-m-5.pdf	

PLEASE NOTE: Your tools must be clearly marked!

If you have any questions or need any additional information, please contact your instructor Susan Saul at susancsaule@gmail.com, (404) 271-7282, call or text

A NOTE FOR TRAVELING STUDENTS

If you are traveling by air and it is difficult to mail your tools, please contact Deb (metalsmithdeb@gmail.com) and let her know. We may be able to provide some tools for your use at Idyllwild so you don't have to mail or ship your heavier tools.

Supply List Addendum
If the Cuff Fits...
Idyllwild Summer 2019

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Greetings, everyone.

I hope this addendum will answer a few of your questions.

In light of our small class size, I'm going to add another design option into the mix, which will be an open wire cuff, perfect for incorporating stones. You may have seen an example of my design process for this on the Idyllwild metals week page.

If you want to try this option, you should bring a minimum of 3 feet of 10 ga. sterling or jewelers brass wire, a grouping of stones that you might want to use, and 24 ga. sterling sheet for bezel backs. Plus 26 ga. bezel wire or fine silver sheet so you can cut strips to desired width. (this is on the supply list)

What metals?

I encourage the liberal use of sterling (especially with the current lower price), and mixing metals to add interest. If you're up for working with some gold, commercially made 18K or 22K gold/sterling bimetal is a perfect choice to begin with.

I also plan to do a demo on how to make your own 24K/sterling bimetal. If you want to try it, you will need a compressed charcoal block, plus a **one inch square of 14 ga. sterling sheet and 1/2 inch square of 30 ga fine gold sheet, also available from Hauser and Miller.**

Jewelers brass may be incorporated into your designs as well, though there can be some soldering pitfalls. The 20ga. sheet is needed for test pieces as you develop your own patterns. The 24 ga. sheet is needed for appliqués, practice soldering and texturing samples.

Tools notes

Please bring a jewelers saw with at least a 4-5 inch depth. our go-to saw blade will be 4/0. You are going to want the **steel rod** from Speedy Metals. You may not use an oval bracelet mandrel again!

Please read this and the original supply list carefully. There is detailed information about materials and sources. I suggest that you follow my recommendation to use **Hauser and Miller** for your **solder** and specialty metals, as the product quality is very consistent.

Speaking of solder, you will also want a few feet of **medium sterling wire solder**, which is not on the original list.

Quantities of silver listed are minimum amounts and should all be dead soft. And of course, it never hurts to have extra.

Please don't hesitate to contact me if you have further questions.

Looking forward to meeting you soon,

Susan