
Beginning Micro Torch Jewelry Soldering

Instructor Name: Suzy Hunt Gardner

Instructor CC Email: isoozyq@comcast.net

Safety first, Please wear closed toe shoes, no loose long sleeves, bring eye protection (your regular eyeglasses are fine), and all long hair must be worn back. Also, be prepared to get a little dirty! The tools and supplies listed below are just suggestions; if you already have something similar, please don't feel you need to purchase new. **Cheaper is always better when you're starting out! \$20 materials fee due to instructor on the first day of class (this will cover the patterned silver for your ring, pickle, etc.).** Don't freak out at the supply cost! Hopefully you have already started your jewelry journey and have many of the items, or similar items.

Supplies

Micro Butane Torch – Amazon: Bernz-O-Matic ST2200T Micro Flame Butane Torch Kit, Small	\$28.98
Solder Pick – Amazon: Titanium SOLDERING PICK GOLD SILVER WOOD HANDLE JEWELRY REPAIR TOO. Waymill on Amazon. Part #914-226	\$7.98
Charcoal Solder Block, Hard - Rio Grande Jewelry Supply item #502027 (5-1/2 " wide by 2-3/4" deep by 1" high.	\$12.10
Butane for torch refill, 300ml - Amazon	\$6.89
Flux, Handy flux Paste for Soldering and Annealing 7 oz – Amazon, Rio Grande	\$6.55
Sterling silver wire, 22 gauge – Rio Grande, item #100322, at least 3 feet. Bring sterling wire scraps if you have them too – we'll be doing some melting!	\$4
Silver Wire Solder, Easy, Medium, & Hard 20 gauge– Rio Grande: Easy Solder Item #101100, Medium Solder item #101703, Hard Solder item #101704. At least 1 foot of each	\$5
Copper, Sterling Silver and/or Brass sheet, 24, 22, or 20 Gauge (20 gauge is the thickest and most usually used as a base/back for a pendant) – Rio Grande, Hoover & Strong, Amazon. Priced per ounce. We will need just a small amount for making a simple pendant. The back or base and soldering small shapes onto a larger piece/pendant back. Scraps are great if you already have them! This price is based on buying "Sterling Silver Strip" on Rio Grande, I chose a 1"x4" strip. Shop around!	\$25

Jewelry Files , 2 “strengths” – “2nd Cut” – Harshesht File we will use (Cut 2) and “Smooth” Cut. Amazon, Rio Grande. You can spend a lot on these, the cheap \$8 nes from Amazon are fine. I have "Grobet" brand, there are several other brands on the web, I just haven't used them & don't know how good they are. I like the half round because they also fit/work inside rings. Double use.	\$16
Chasing Hammer Jewelry Hammer – get the one with the “domed” face. The flat face ones have their uses, but mar your metal with the edge of the face. – Hobby Lobby, Michaels, Amazon	\$12
Tweezer Nosed Pliers – I like Xuron, Part #450 – Amazon, but Hobby Lobby also carries them and sometimes on sale	\$14.85
Round Nose Pliers – I like Xuron Part #488 – Amazon, but Hobby Lobby also carries them and sometimes on sale	\$14.85
Deboning Scissors – Amazon: Clauss 18516 Titanium Bonded Ultraflex Bent Sheer, 7 inch. Make sure and get the “smooth” edge. These are designed for cutting the bones out of chicken and will cut up to 20 gauge Sterling, brass or copper sheet. You can use any smooth edge cutters that can cut sheet metal, I just know these do a very nice job	\$13.25
Bench Block if you have one – 2”x2” or 4”x4” Steel jewelers Bench Block – Amazon	\$12.99
Flush Cut Wire Cutters for Jewelry – I Like Xuron Micro-Shear Flush Cutter – Amazon	\$12.50
Standard Hardware Wire Cutters – Basic Hardware type for cutting the solder wire, you don’t want to mar your good jewelry wire cutters with cutting solder wire. Amazon, Home Depot, home tool box	\$8
12”x12” Ceramic Tile – this will be the fireproof base for your charcoal block. Hopefully you have something like this around or can find one from a tile project. Otherwise they are about \$1 each at Lowe’s or Home Depot	\$1
Hardware Hammer – for flattening your solder wire (don’t want to mess up your nice jewelry hammer). Hopefully found in the junk drawer, or your toolbox!	\$0
Tuna Can or small ceramic dish – for our “quench” bowl. No glass, unless it’s Pyrex, the thermal shock might shatter the glass.	\$0

Total estimated cost \$201.94

Please email the instructor with any questions regarding supplies.

In case you are unable to attend class, consider purchasing supplies that are returnable.