



COLORADO SPRINGS

Fine Arts Center

at COLORADO COLLEGE

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## Beginning Micro Torch Jewelry Soldering

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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! **\$55 materials fee due to instructor on the first day of class** to cover the pickle, polishing pads, solder wire and flux, silver patterned wire for the ring we will make, and more. Do not freak out at the supply cost! Hopefully, you have already started your jewelry journey and have many of the items, or comparable items. Any of these items can be purchased from Rio Grande Jewelry Supply. ***I will be sending out a discount code a week prior to class so you can purchase things at my rate.***

**PLEASE NOTE:** The items in BLUE you MUST have the first day of class. The items in black below are supplies that would be nice to have. I have some of these items to share, but not enough for the whole class, so please bring them if you have them.

### **SUPPLIES YOU MUST HAVE THE FIRST DAY OF CLASS** ([links embedded below](#))

*Micro Torch - I like Benzomatic best, but any will do* \$29.99

*Solder Pic* \$7.00

*Butane for Torch* \$6.95

*Charcoal Solder Block, HARD (5 1/2" W x 2 3/4" D x 1"H)* Please get a "hard" one! They work so much better and last so much longer. Also available on Amazon, just make sure it says "hard" Charcoal \$12.10

*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

*Tuna Can or small ceramic dish* – For our "quench" bowl. No glass, unless it's Pyrex, the thermal shock might shatter the glass. Free, if brought from home

*Jewelry Making Pliers*—Both round nose and straight nose. My favorites are Xuron-brand round nose and flat nose if possible. You can find them at Amazon or Hobby Lobby.



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*Jewelry Wire Cutters*— My favorite are Xuron-brand for cutting silver wire. Can be found at Hobby Lobby or Amazon. \$15

*Hardware Wire Cutters*— From your toolbox to cut the solder wire (don't want to use your good jewelry cutters for that). Free, if brought from home

*Fine Tweezers*— These can be out of your medicine chest, for handling tiny bits of metal. Although, I really like the set linked. Free, if brought from home

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Total estimated cost \$72.04

#### INCLUDED IN MATERIALS FEE:

Flux, Handy Flux Paste for Soldering and Annealing, 7oz Part of Materials fee

Silver Wire Solder, Easy, & Medium & Hard 20 gauge Part of Materials Fee

Sterling Silver sheet, 20 gauge is best, 1" x 2" strip Part of Materials Fee

Sterling Silver Wire and Creative Scrap Part of Materials Fee

**Supplies that would be helpful if you brought to class. I have extras, but not enough. Links underlined below:**

Chasing Hammer Jewelry Hammer – Get one that is NOT Flat Faced. Beadsmith is a good brand.

Bench Block if you have one, I will have one we can share.

**Something to cut a silver sheet with.** These are my favorites: Fiskars Micro-Tip Pruning Snips (you will LOVE these!) and/or Claus Titanium Scissors.

**Hardware, regular old boring Hammer** – for flattening your solder wire (do not want to mess up your nice jewelry hammer). Hopefully it is in the junk drawer or toolbox.

**Ring Mandrel** if you have one, I will bring some to share too.

**Jewelry Files** , 2 “strengths” – “2nd Cut” – Harshesht File we will use (Cut 2) and “Smooth” Cut (Cut 4). You can spend a lot on these, the cheap \$8 ones from Amazon are fine. I have the “Grobet” brand. There are several other brands, but I have not used those. I like the half round because they also fit/work inside rings. ***It can be hard to find these files, please do not buy until you come to class and see what I have!***

Please email the instructor with any questions regarding supplies.

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