

Where I got some of the stuff we used in class

This is where I got some of the stuff we used in the class. I do not specifically recommend this equipment because I have not had a chance to compare it to all other similar equipment, I only know what works for me. I am not sure if all the links are still valid, but it will give you some place to start your search. Enjoy.

Etching setup:

- **Tanks** – Felli® Flip Tite Acrylic Food Storage Canisters – search on the web
- **Power supplies** – (5V 1.2A)
https://www.amazon.com/gp/product/B001KU44HE/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1 and (9V 1.0A)
https://www.amazon.com/gp/product/B0180LREG4/ref=oh_aui_detailpage_o00_s00?ie=UTF8&p_sc=1
- **Adapters for power supplies** - <https://www.amazon.com> or <https://www.ebay.com> search for “Alligator Test Clip Lead to DC Power 5.5x2.1mm Female Adapter”
- **Salt, Canning and Pickling** – local grocery stores, etc.
- **Citric acid** -
https://www.amazon.com/gp/product/B015557GTC/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1
- **Cupric Nitrate (CAS: 10031-43-3)** – <https://www.sciencecompany.com/Cupric-Nitrate-25kg-P16231.aspx>
- **Ring stand and ring** -
https://www.amazon.com/gp/product/B00657N7TS/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1 and
https://www.amazon.com/gp/product/B008EM9QY2/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1

Chemicals:

- **Penny Brite** - https://www.amazon.com/EZ-Brite-Copper-Cleaner-Polish/dp/B0118EC780/ref=sr_1_1?s=home-garden&ie=UTF8&qid=1494078544&sr=1-1&keywords=EZ+Brite+Penny+Brite+Copper+%26+Brass+Cleaner+%2F+Polish+7oz+by+EZ+Brite+Brands
- **Acetone** – local hardware store
- **Denatured alcohol** – local hardware store
- **Lacquer thinner** – local hardware store
- **Bottles for chemicals** – https://www.carolina.com/lab-bottles/high-density-polyethylene-narrowmouthed-bottles/FAM_716312.pr

- **Liver of sulfur – Patina Gel POL-802** - <https://www.cooltools.us/Patina-Gel-Stabilized-Liver-of-Sulfur-s/501.htm>
- **Electro-forming Copper Solution** – item #335-074 at www.riogrande.com
 - **Midas Replenishing Brightener for Electroforming Copper** – item #335065 at www.riogrande.com

Resists:

- **Contact paper** - https://www.amazon.com/Duck-Brand-1115496-Laminate-Adhesive/dp/B01L3ZM1RA/ref=sr_1_2_a_it?ie=UTF8&qid=1494078308&sr=8-2&keywords=Duck+Brand+1115496+Peel+N%27+Stick+Laminate+Adhesive+Shelf+Liner%2C+12-Inch+x+36-Feet%2C+Clear
- **Scotch Magic™ tape** – local stores
- **Transparent vinyl** – https://www.amazon.com/Roll-Transparent-Sign-Vinyl-Self-Adhesive/dp/B01N6T9JMV/ref=sr_1_2?ie=UTF8&qid=1517235588&sr=8-2&keywords=paper+street+plastics+transparent+vinyl or <http://www.ebay.com/itm/380407376277?trksid=p2057872.m2749.l2649&var=65003929292&ssPageName=STRK%3AMEBIDX%3AIT> - I use “Fluorescent Pink”
- **Silhouette Cameo** – https://www.amazon.com/gp/product/B000S7EF3Y/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1
- **Silhouette roll feeder** - https://www.amazon.com/gp/product/B00MG8GSLE/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1
- **Silhouette scraper** - https://www.amazon.com/Silhouette-America-Inc-TOOL-02-Scraper/dp/B0071Q2SKO/ref=sr_1_1?s=home-garden&ie=UTF8&qid=1494078680&sr=1-1&keywords=Silhouette+Scraper
- **Toner Transfer Paper** - from www.pcbfx.com
- **Laser printer** - https://www.amazon.com/gp/product/B00847UWUE/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1
- **Heat press** - https://www.amazon.com/s/ref=nb_sb_noss_2?url=search-alias%3Delectronics&field-keywords=Promo+Heat+Swing-away+Sublimation+Heat+Transfer+Press+Machine
- **Teflon sheets** - https://www.amazon.com/Teflon-Sheet-16x20-Transfer-LIMITED/dp/B009AYQOYI/ref=sr_1_2?s=arts-crafts&ie=UTF8&qid=1494078614&sr=1-2&keywords=5+Pack+Teflon+Sheet+For+16x20+Heat+Press+Transfer+Sheet
- **Photosensitive dry film** - https://www.amazon.com/gp/product/B01NCS88LU/ref=oh_aui_search_detailpage?ie=UTF8&p_sc=1 - try searching for “photosensitive dry film”

- **UV light source for photosensitive dry film** – Makartt 36W Nail Dryer Gel Curing UV Nail Lamp with Sliding Tray and 4 Pcs Nail Bulbs – www.amazon.com - I remove the two outside bulbs

Miscellaneous:

- **Hydraulic press tooling:**
 - Circle cutters – https://www.amazon.com/gp/product/B00UW3CUWQ/ref=oh_aui_search_detailpage?ie=UTF8&psc=1
 - Bracelet forming Kit – <http://www.potterusa.com/bracelet-former-kit-accessories/188-bracelet-former-kit.html>
 - Mushroom Formers for Hydraulic Press - <http://www.potterusa.com/21-mushroom-formers-for-hydraulic-press>
- **Etekcity Lasergrip 1080 Non-contact Digital Laser Infrared Thermometer** – www.amazon.com