

## Inventory for Metal Studio

**Note:** even though an item may be listed here, that does not guarantee it will be available. Items often move between all 10 studio spaces based on requests. When preparing a class, notify studio staff of all items you will need, including those listed below, for the workshop, conference, or group event being held on campus.

### **Hammer Room Equipment:**

Bonny doon hydraulic press with gauge with accessory box  
20ton hydraulic press with gauge  
Handmade Draw bench  
4 Draw tongs  
12 Draw plates  
5 Mounted Vises  
Drill gauge plate  
Small spray booth  
Metal corrugating tool  
Rolling Mill  
Durston Combination Rolling Mill  
B&S Gauge  
Dayton 250 ACDC Welder  
Mini Bending Break with C-Clamps  
4" Sheer

### **Hammers:**

4 Wood mallets cross peen (large)  
4 Wood mallets cross peen, round face (medium)  
5 Large wood mallets  
2 Medium wood mallets  
11 Small wood mallets  
10 Paper mallets  
8 Rawhide mallets various sizes  
2 Nylon head mallets one small, one large  
4 Delrin mallets various sizes  
Horn shaped hammer  
4 Red handled finishing hammers  
4 Brass mallets  
Steel hammer with hollow face  
Chasing hammers

4 Chasing/Repousse Kits  
8 Goldsmith hammers  
Ball peen hammers  
Claw hammers  
6 Planishing hammers  
Cross peen planishing hammers  
4 Closing hammers  
3 NC Black spiculum hammers  
6 NC Black forming hammers  
4 Raising hammers  
7 Forming hammers embossing type  
3 Forming hammers mushroom and flat face  
6 Raising hammers narrow face  
11 Bordering hammers  
6 Forging hammers

**Stakes:**

Large sinusoidal stake  
Large blowhorn T-stake  
Handlebar Tstakes  
Stake holders various sizes  
4 Small planishing stakes  
9 Flat (sharp edge) planishing stakes  
6 Medium mushroom style stakes  
3 Large mushroom style stakes  
Handlebar type sinusoidal stake  
3 Hook type stakes  
Dome, ball, cup, ladle stakes various sizes  
T-stakes for forming and raising

**Forming:**

Wood sinking / forming blocks  
Wooden stakes  
Wooden bending /forming blocks  
Wooden dapping blocks (round, pear, oval)  
11piece wood dapping punches  
24piece wood dapping punches  
Swage Blocks  
2 Wooden forming cones

Lead blocks  
Lining tools  
Steel dapping set  
Steel dapping punches  
Steel dapping blocks  
6 sets of circle/disc cutters  
Letter and Number stamp sets  
Chasing tools  
Rivet stamp tool  
5 Stumps for sinking/forming  
Anvils 3 large and 1 small

**Mandrels:**

2 Ring Mandrels  
2 Stepped Ring Mandrels  
4 Graduated Ring Mandrels  
2 Matt Wax Ring Sizers  
Tapered Square Forming Mandrel  
4 Large Size Ring Mandrels  
Necklace Mandrel  
Mandrel stand  
3 Bezel Mandrels (triangle, oval, octagon)  
8" long Cone Mandrel  
12" long Cone Mandrel  
Stepped Bracelet Mandrel  
Round Bracelet Mandrel  
Oval Bracelet Mandrel  
XL Truncated Cone Mandrel

**Main Studio:**

16 Jeweler's Benches with bench pins, swivel lights, and Flexshafts with chuck keys  
2 Flexshaft stands on wheels  
Pexto Jump shear  
Foredom Flexshaft  
Mini drill press set up  
4 big wooden work tables

**Soldering:**

12 Annealing pans with pumice

Tripods  
Kiln bricks  
Soldering boards  
20 third arm holders  
10 Strikers  
Brass brushes  
2 Crock pots for pickling  
Copper tongs  
Cross locking tweezers  
7 Acetylene Smith Torches and hoses  
Smith Silver torch tips  
Acetylene B-tanks and regulators  
Turbtorch Handles and hoses with regulators  
Mini torch handles and hoses with various tips  
Minitorch tank setups  
Smith Oxygen Regulator  
Pyrex and glass dishes  
Flux brushes  
Vigor heat shield

**Casting:**

Arbe powered centrifugal casting machine  
Vacuum Table  
Various Rubber Sprue Bases  
Various Casting Flasks  
Flask Tongs  
Triple Beam Scale  
Digital Pennyweight Scale  
Large Graduated Cylinder  
Mixing bowls and measuring spoons  
Vibrating investment tables  
Sand casting frames  
Ingot molds  
Vulcan 3550 Kiln 8"x8"  
12"x12" Burnout Kiln with Controller  
Alcohol Lamps  
Crucible Melting Cups  
Centrifugal crucibles  
Heat resistant gloves

Mortar and Pestle  
Wax carving tools

**Finishing:**

2 6lb barrel Tumblers  
Large Barrel Tumbler  
Magnetic polishing Machine  
Stainless steel shot  
Strainers  
3 Doublespindle Buffing Machines with exhausts  
1 Buffing unit without exhaust

**Machine Room:**

Verticle Belt Sander 2"x72"  
Beaumont Belt sander 2"x72"  
20" Scroll Saw  
Drill Press  
Miniature Drill Press  
Tabletop drill press  
6" Bench Grinder  
Table vise  
Jet Horizontal Bandsaw

**Other Tools and Equipment :**

Tubing cutter  
C- clamps various sizes  
9 Bench vises  
2 Mounted vises on ball bearings  
Rubber aprons  
Casting face shield shaded  
Shaded safety glasses  
Optivisors  
Welding masks  
Hack saws  
Coping saws  
Deep Saw Frame  
Pitch bowls various sizes Pitch Bowl holders  
Hand drills

Metal pans  
Tube cutting jig  
Drill bits  
Ring Clamps  
Calipers  
Tap and Die Set  
Burs and sanding discs  
Center punches  
Bonny Doon Microfold brake corrugating tool  
Foredom all set stone setting kit  
Pop Rivet Gun  
Roper Whitney punch  
Dot Snap Fastener Tools  
GraversBurnishers  
Prong Setters  
Bezel Rockers  
Diamond tweezers  
Hand Graver  
Scribes  
Jeweler's Lupe  
Files- single and double cut varying fineness  
Snips and Wire Cutters  
Jeweler's Saws  
4 Hobart MIG welders  
3 Miller Auto-Dark Welding Helmets  
1 Oxy/Acetylene Brazing/Cutting torch  
1 Large Ultrasonic Bath  
1 Small Ultrasonic Bath  
3 Powder coating guns  
2 Toaster Ovens