

Leah Hardy

Design. Form. Connect. Repeat.

Make reusable non-conforming plexi dies to raise 3D form from copper sheet in a hydraulic press or by hand-hammering. We'll explore texturing metal prior to pressing/hammering and address design approaches for sculptural and wearable applications. During the second session, we will focus on a plethora of cold connections (pin/nail rivets, tube rivets, slots + tabs, micro-hardware, handmade washers, etc.) to attach pressed components to metal or other mixed media and to create moving parts.

OUTLINE:

Day 1:

- *Itinerary + instructor's work
- *Making non-conforming die with plexi + Masonite
- *Texturing/preparing metal sheet
- *Hydraulic press demo
- *Hand-hammering demo
- *Variations: multiple sheets, pierce work, increasing volume
- *Preparing pressed/hammered forms for cold connections

Day 2:

- *Cold connection examples (pin/nail rivets, tube rivets, slots + tabs, micro hardware, handmade washers)
- *Pin/nail rivet demo
- *Tube rivet demo
- *Slots + Tabs demo
- *Micro Hardware demo
- *Handmade washers
- *Choosing best or pertinent cold connections for aesthetic, functional or kinetic intentions

OUTCOMES:

- *Ability to confidently design, make and use a non-conforming die with a hydraulic press or hand-hammering to create 3D form
- *Understanding of various textural options for the metal sheet prior to forming
- *Confidence in choosing appropriate cold connections for attaching metal components to metal or other materials or to create moving parts
- *Basic skills in making cold connections