

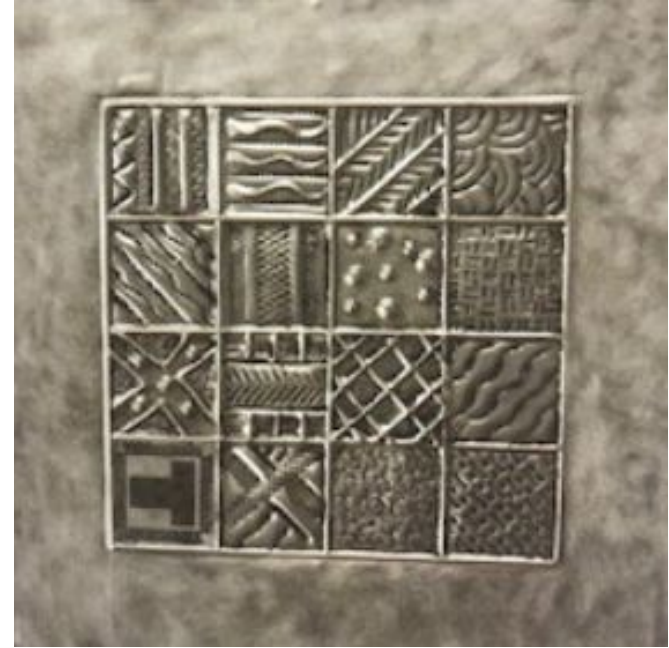
Unit 2: Metal Embossing

Unit Two: Metal Work

Project: Copper Tooling Decorative Plaque

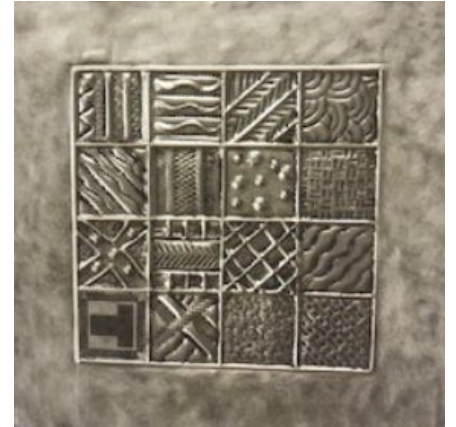
Students will take a look at the craft of metal embossing how it is used today and look at the history OF repousse. Students will create a decorative wall plaque out of copper that has an embossed pattern repeated on it. After sketching out design ideas, students will transfer the design onto a 12x12 sheet metal. They then will carefully begin the embossing work using ten seconds tools and a stylus. When the relief is high enough, they must refine the designs by working on both sides. When they are done embossing students will patina the metal.

Time on project: 2 weeks



STEP ONE: The Design of Your Plate

1. Sketch 25 small squares in your sketchbooks. In each square come up with a new pattern or design using lines or shapes.
2. Cut sheet of newsprint paper to the size of 12x12. Create a one inch border and then break the 10x10 square into 25, 2" squares. Place your designs in the boxes in an interesting composition.
3. Meet with instructor & get design approved.
4. Trace design onto tracing paper backwards using the light tracer.



STEP TWO :Preparing the Metal

1. Tape tracing paper over the metal so edges line up.
2. Use an ink pen to lightly trace over the design and remove tracing paper.
3. **Remember to leave a one inch border!**



STEP THREE: EMBOSSING

1. Place a **rubber mat under** your metal.
2. Use the 10 seconds tools or stylus tool to emboss areas down.
3. Always work on **both sides** of the metal.
4. Press on one side- then flip over and refine...repeat
5. If you don't work both sides- designs that you embossed with not stand out.



Decorative design made with molds and rub-ons

STEP FOUR :ANTIQUING & Final Presentation

1. Apply a coat of Liver of Sulfur to age the metal.
2. Let dry
3. Use 000 grade steel wool to buff the copper to a desire patina.
4. Tape metal to paper plate
5. Cut ¼ inch tabs and fold over edge of plate.
6. Use hammer to bend edges round so the are round not octagon/pointed edges.
7. Use white glue and glue paper plate on to brown paper, (centered) then glue brown paper on to larger black paper.

