PORTFOLIO

Student Work

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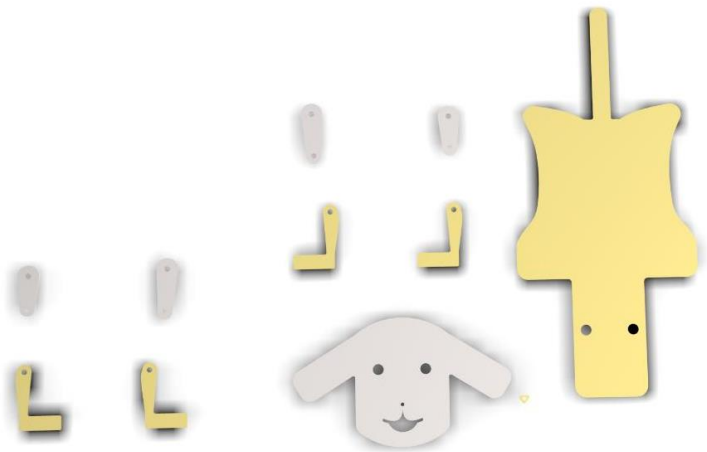
TABLE OF CONTENTS

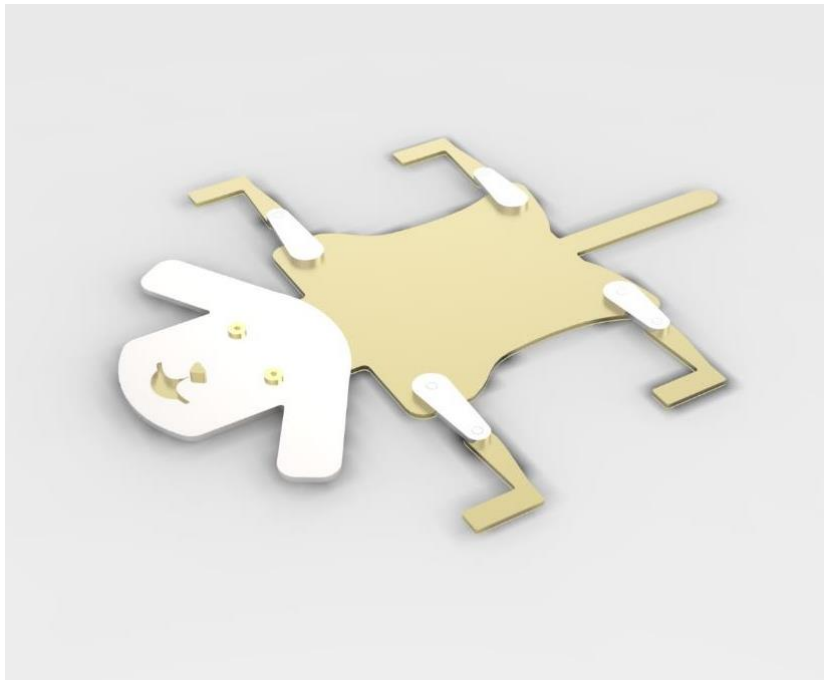
FUNDAMENTAL METAL FABRICATION

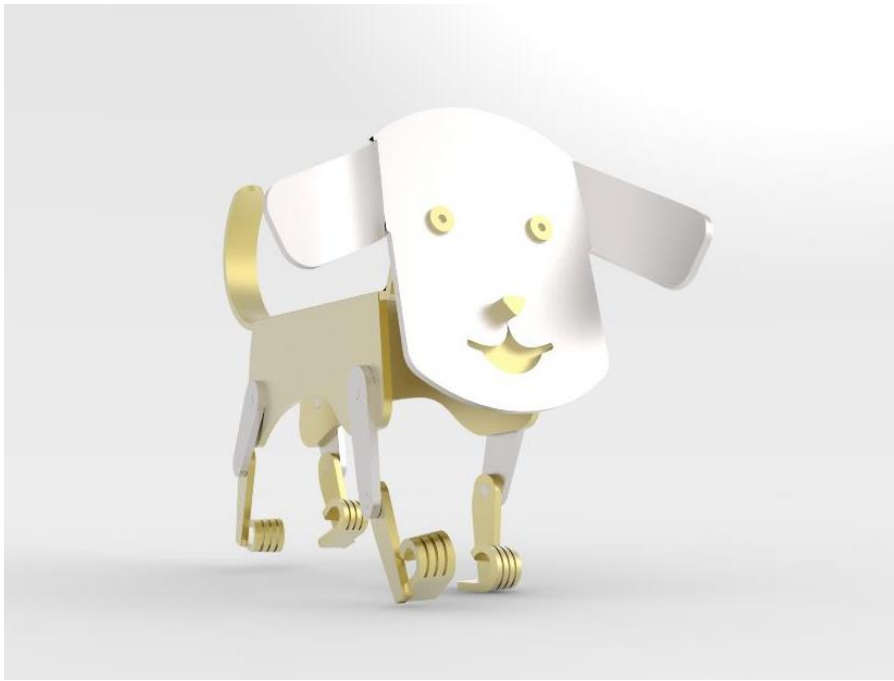
No. 1

Part of Teaching Material
(Presentation for Creature Making Project)

Modeled by Rhinoceros, Rendered by Keyshot







- First project for the fundamentals of metalsmithing class, after finishing practice samples.

- Each student needs to create his/her own original creature that has a personal meaning to them. (They may not copy any well-known characters.)

- Annealing is allowed, but no soldering. Joints must be cold-connected (ex. rivets)

No. 2
Student work (Creature project)

- Inspiration:
'What will happen, if my cat evolves like a Pokemon?'

Name of Student: Abigail Rozario

Copper, Nickel-Silver
Metal texturing, Patination, Liver of Sulfur, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

No. 3

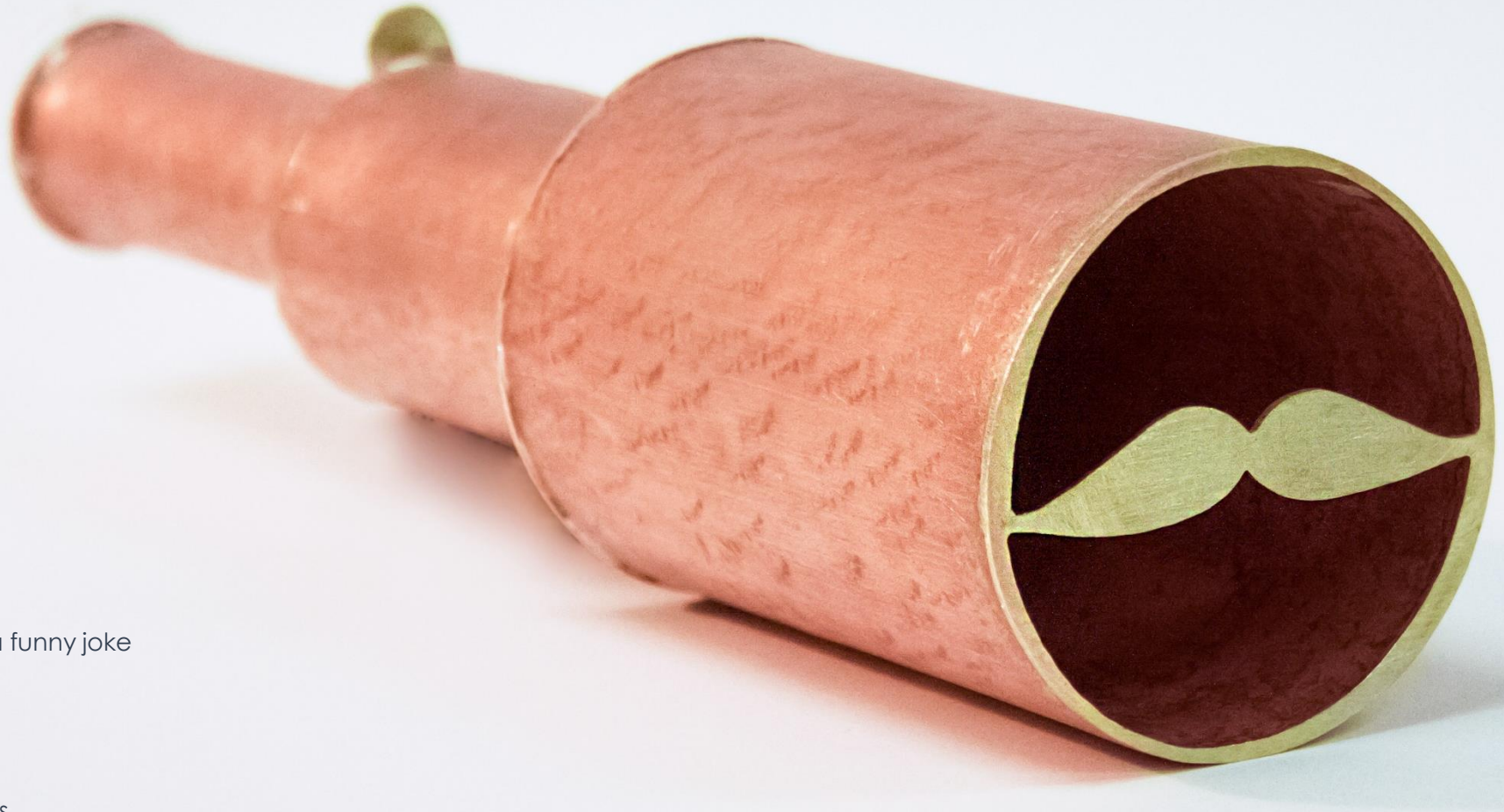
Student work (Creature project)

- Inspiration: Student's inner life and family history.

Name of Student: Tonya Ketchum

Copper, Nickel-Silver
Metal texturing, Patination, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2018



No. 4
Student work
(Project for funny function)

- Telescope as a container, to hold a funny joke

Name of Student: Abigail Rozario

Copper, Brass
Metal texturing, Soldering

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

No. 5
Student work
(Inner shot of previous work, No.4)

- Telescope as a container, to hold a funny joke

Name of Student: Abigail Rozario
Name of Model: Spencer Dickerson

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

No. 6

Student work
(Project for funny function)

- Trophy to taunt somebody

Name of Student: Leonardo Praderas

Brass, Nickel-Silver, MDF, Ash
Satin finish, Laser engraving and cutting, Riveting

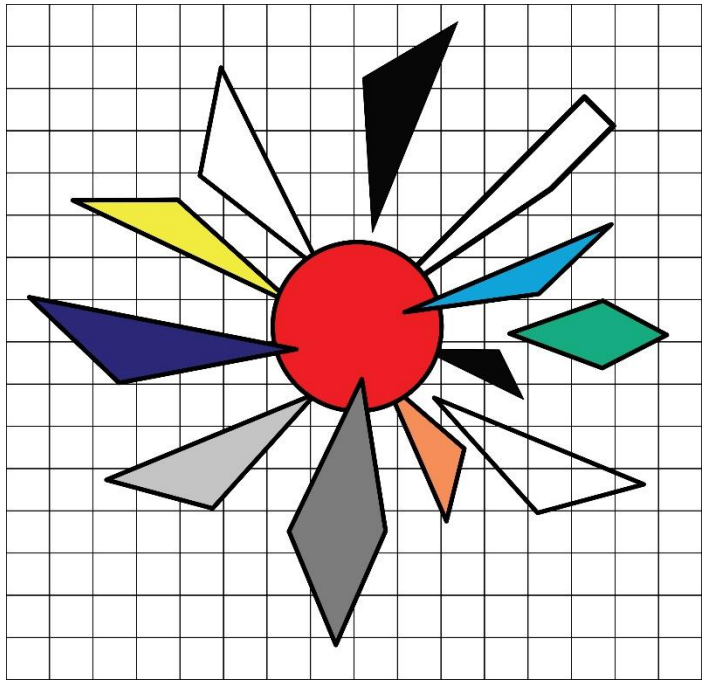
Fundamentals of Metalsmithing Class
The University of Kansas
Spring 2019

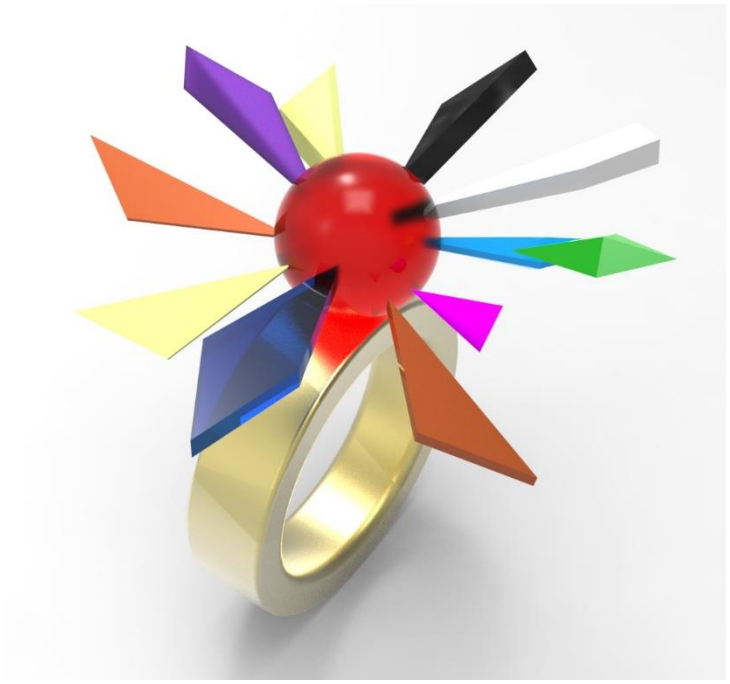

JEWELRY
WORKS

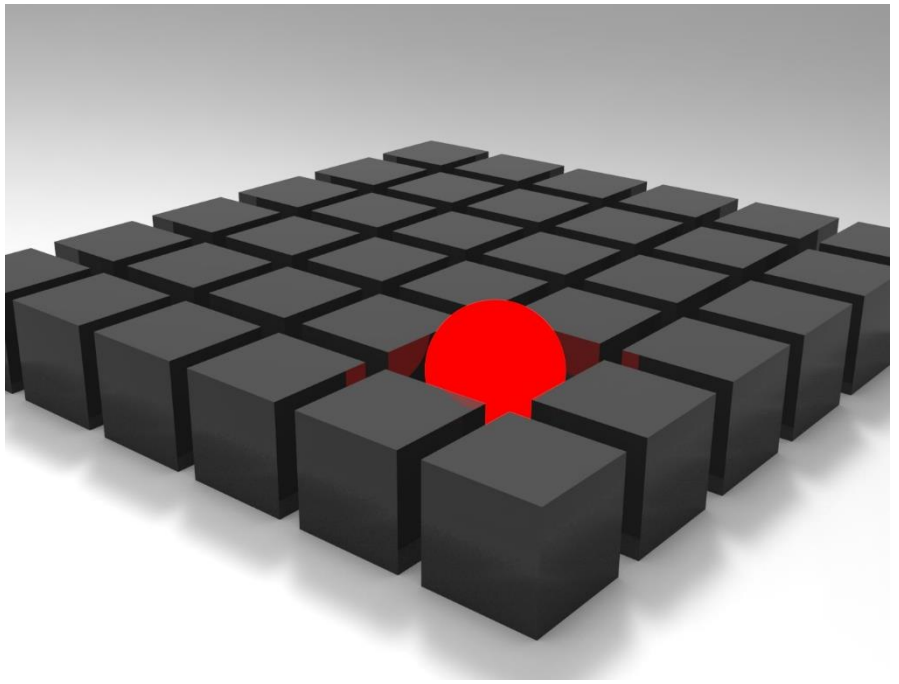
No. 7

Part of Teaching Material
(Presentation for Geometry Figure and Jewelry)

Modeled by Rhinoceros
Rendered by Keyshot
Edited by Adobe Illustrator







- First, I ask each student to write about either their own feelings regarding a memory or an abstract emotion.
- Then each student translates what they have written into a 2D geometric figure on a grid.
- Then I help the student convert their 2D geometric drawing into a 3D piece of jewelry which may also include a stone.
- In the critique, I ask students to explain the process by which they developed and executed their ideas in geometric designs and forms.

No. 8

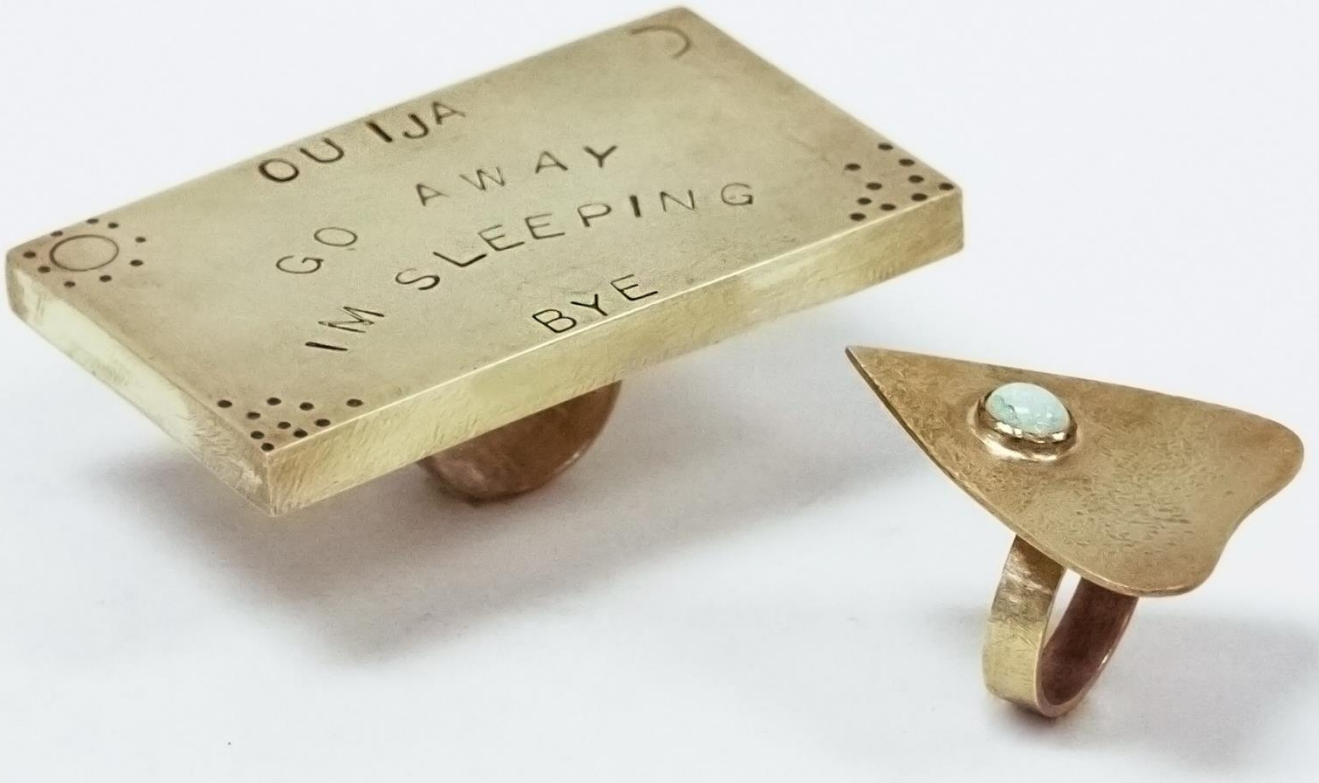
Student work
(Geometric Jewelry with Cabochon Setting)

- Ring for two fingers, to express friendship and memories of skateboarding.

Name of Student: Cale Kobler

Sterling Silver, Green jasper
Metal fabrication (hollow), Bezel setting, Depletion gilding

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017



No. 9

Student work
(Geometric Jewelry with Cabochon Setting)

- Set of rings that express fear through geometric forms.

Name of Student: Isabella Rausch

Brass, Nu-gold, Jasper
Metal fabrication (hollow), Bezel setting, Stamping

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The University of Kansas
Fall 2018

No. 10

Student work (Applied Aesthetic of Geometric Form)

- A necklace memorizing childhood memories

Name of Student: Jia He

Copper, Nickel-Silver, Silver chain
Satin finish, Heat patina, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Spring 2019

No. 11
Student work
(Applied Aesthetic of Geometric Form)

- Bracelet that expresses the idea of repetition

Name of Student: Colin Neukirch

Copper
Soldering, Engraving, Stamping, Heat Patina

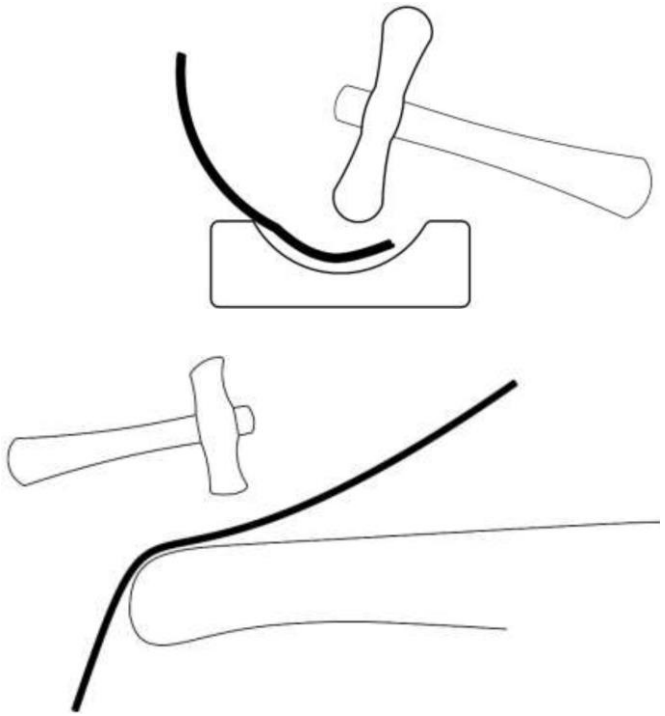
Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2018

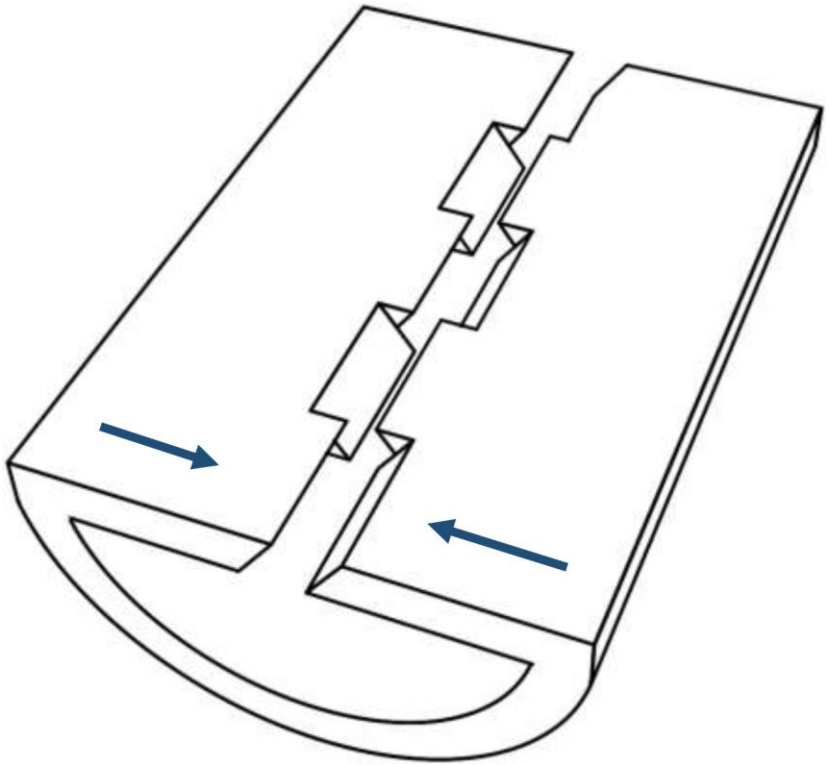
HAMMERING WORKS

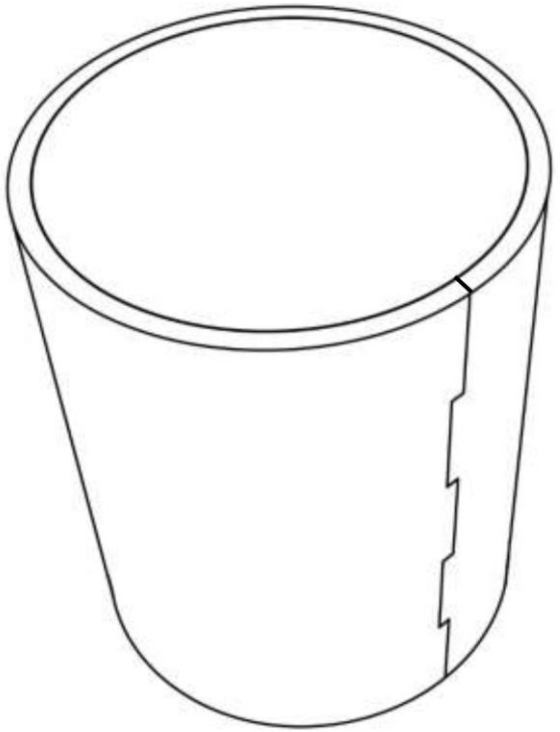
No. 12

Part of Teaching Material (Presentation for Raising, Seaming)

Modeled by Rhinoceros
Edited by Adobe Illustrator







- Students learn fundamentals of metal raising, planishing, and seaming with demonstration, image, and video.
- By comparing Western and Asian hammering techniques, students learn fundamentals of stretching sheet metal.
- From intensive and repetitive labor, students develop their own craftsmanship and metalsmithing skills.

No. 13

Student work
(Synclastic Bracelet)

Name of Student: Charity Poole

Copper, Sterling silver
Synclastic hammering, Soldering

Holloware Class
The University of Kansas
Spring 2018

No. 14
Student work
(Anticlastic Bracelet)

Name of Student: Tara Zhang

Brass, Copper
Anticlastic hammering, Liver of Sulphur

Holloware Class
The University of Kansas
Spring 2018

No. 15

Student work
(Projects from Holloware class)

Name of Student: Angela Li

Copper, Brass
Raising & Planishing, Anticlastic hammering

Holloware Class
The University of Kansas
Spring 2018

No. 16
Student work
(Vase project)

- Vase for Air plant

Name of Student: Charity Poole

Copper, Brass
Raising, Planishing, Tube riveting, Soldering

Holloware Class
The University of Kansas
Spring 2018

No. 17
Student work
(Sculpture project)

Name of Student: Angela Li

Copper
Raising, Planishing, Spiculum making, Liver of Sulphur

Holloware Class
The University of Kansas
Spring 2018


FURNITURE WORKS

No. 18
Student work
(Cocktail Table)

Name of Student: Nicholina Chronister

Steel, Copper, Glass
Forging, TIG welding, Metal shaping

Independent Study Class
The University of Kansas
Spring 2018

No. 19

Student Works
(Tables for Café renovation)

Build Smart Class
The University of Kansas
Spring 2017

- *To renovate a café in the Art & Design building at the University of Kansas, Students and professors from Three different majors collaborated and designed the new café.*
- *The project was executed by Professor Matthew Burke's 'Build Smart' class. I participated as a teaching assistant.*
- *Everybody in the class brainstormed the design, and professor Burke taught wood lamination, also I taught TIG & MIG welding to build up the frames.*

No. 20
Student Works
(Detail of previous work, No.19)

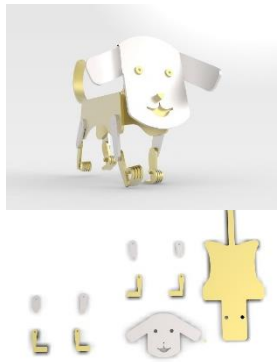
Project was collaboration with Sculpture, Industrial Design, Architecture undergraduate students (a.k.a Dirt Work Studio)

Wood, Steel, Epoxy coating, Powder coating
Wood lamination, MIG and TIG welding

Build Smart Class
The University of Kansas
Spring 2017

Documentation Script
(Portfolio No.1 – 8)

1



Teaching material (Creature project)

Modeled by Rhinoceros
Rendered by Keyshot

2

Student work (Creature project)

Name of Student: **Abigail Rozario**

Copper, Nickel-Silver
Metal texturing, Patination, Liver of Sulfur, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

3

Student work (Creature project)

Name of Student: **Tonya Ketchum**

Copper, Nickel-Silver
Metal texturing, Patination, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2018

4

Student work (Funny function project)

Name of Student: **Abigail Rozario**

Copper, Brass
Metal texturing, Soldering

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

5

Student work
(Inner shot of previous work, No.4)

Name of Student: **Abigail Rozario**

Copper, Brass
Metal texturing, Soldering

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

6

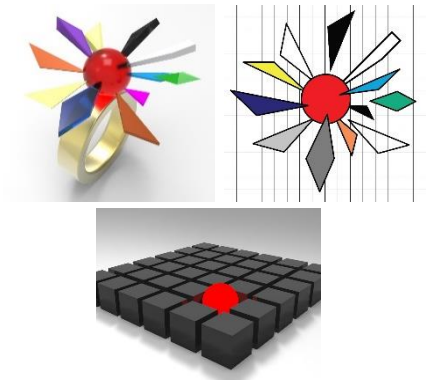
Student work (Funny function project)

Name of Student: **Leonardo Praderas**

Brass, Nickel-Silver, MDF, Ash
Satin finish, Laser engraving & cutting, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Spring 2019

7



Teaching material
(Geometry figure and jewelry)

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Rendered by Keyshot

8

Student work
(Geometric Jewelry with Cabochon setting)

Name of Student: **Cale Kobler**

Sterling Silver, Green jasper
Metal fabrication(hollow), Bezel setting,
Depletion gilding

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2017

Documentation Script
(Portfolio No.9 – 16)

9

Student work
(Geometric Jewelry with Cabochon setting)

Name of Student: **Isabella Rausch**

Brass, Nu-gold, Jasper
Metal fabrication, Bezel setting, Stamping

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2018

10

Student work
(Applied Aesthetic of Geometric Form)

Name of Student: **Jia He**

Copper, Nickel-Silver, Silver chain
Satin finish, Heat patina, Riveting

Fundamentals of Metalsmithing Class
The University of Kansas
Spring 2019

11

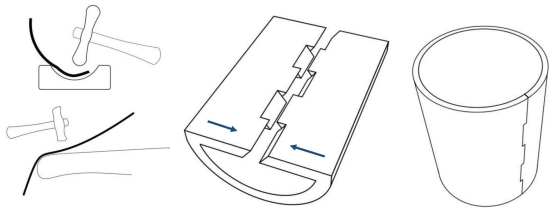
Student work
(Applied Aesthetic of Geometric Form)

Name of Student: **Colin Neukirch**

Copper
Soldering, Engraving, Stamping, Heat Patina

Fundamentals of Metalsmithing Class
The University of Kansas
Fall 2018

12



Teaching material (Raising, Seaming)

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Student work (Synclastic Bracelet)

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Holloware Class

The University of Kansas
Spring 2018

14

Student work (Anticlastic Bracelet)

Name of Student: **Tara Zhang**

Brass, Copper
Anticlastic hammering, Liver of Sulphur

Holloware Class
The University of Kansas
Spring 2018

15

Student work (Projects from Holloware class)

Name of Student: **: Angela Li**

Copper, Brass
Raising & Planishing, Anticlastic hammering

Holloware Class

The University of Kansas
Spring 2018

16

Student work (Vase project)

Name of Student: **Charity Poole**

Copper, Brass
Raising, Planishing, Tube riveting, Soldering

Holloware Class
The University of Kansas
Spring 2018

Documentation Script
(Portfolio No.17 – 20)

17

Student work (Sculpture project)

Name of Student: **Angela Li**

Copper
Raising, Planishing, Spiculum making
Liver of Sulphur

Holloware Class
The University of Kansas
Spring 2018

18

Student work (Cocktail table)

Name of Student: **Nicholina Chronister**

Steel, Copper, Glass
Forging, TIG welding, Metal shaping

Independent Study Class
The University of Kansas
Spring 2018

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Student work
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Build Smart Class (Professor: Matthew Burke)
The University of Kansas
Spring 2017

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Build Smart Class (Professor: Matthew Burke)
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