

I. Course Overview:

Upon successful completion of this course, the students should be able to utilize physical materials using a number of processes to build a given number of sculptures in the round or bas-relief.

II. Units:

Unit 1. Subtractive Form

General Outcome:

1.0 The students should be able to manipulate a variety of materials and tools appropriate to the subtractive sculpture process.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

1.1 Demonstrate and discuss an application of the following materials and tools to create a subtractive form sculpture.:

1.1.1 Carved stone - use of:

- 1.1.1.1 Hammer
- 1.1.1.2 Chisels
- 1.1.1.3 Files
- 1.1.1.4 Polishing equipment

1.1.2 Carved wood - use of:

- 1.1.2.1 Mallets
- 1.1.2.2 Chisels
- 1.1.2.3 Files
- 1.1.2.4 Sandpaper
- 1.1.2.5 Finishing materials

1.1.3 Carved plastic - use of:

- 1.1.3.1 Grinders
- 1.1.3.2 Sanders
- 1.1.3.3 Polishing equipment

1.1.4 Carved leather hard clay - use of:

- 1.1.4.1 Clay tools
- 1.1.4.2 Kiln
- 1.1.4.3 Glazes

1.1.5 Carved styrofoam (to be burned out in metal casting) - use of:

1.1.5.1 Styrofoam cutter

Unit 2. Additive - Modeled Form

General Outcome:

2.0 The students should be able to manipulate a variety of materials and tools appropriate to the additive - modeled sculpture process.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

2.1 Demonstrate and discuss an application of the following materials and tools to create an additive - modeled form sculpture:

2.1.1 Modeled clay form - show and demonstrate use of:

2.1.1.1 Clay tools

2.1.1.2 Firing Process

2.1.2 Modeled wax form - show or demonstrate use of:

2.1.2.1 Alcohol burner and wax tools

2.1.2.2 Investment molds

2.1.2.3 Casting process

Unit 3. Assemblage - Constructivist Form

General Outcome:

3.0 The students should be able to manipulate a variety of materials, processes, and tools appropriate to the assemblage - constructivist sculpture form.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

3.1 Demonstrate and discuss fabrication of materials and correct use of tools and process to create an assemblage - constructivist form:

3.1.1 Found object sculpture

3.1.2 Sheet metal:

3.1.2.1 Rivets

3.1.2.2 Drill

3.1.2.3 Sheet metal screws

3.1.2.4 Contact cement

3.1.3 Wood:

3.1.3.1 Plywood

3.1.3.2 Particle board

3.1.4 Soft sculpture:

3.1.4.1 Fabric

3.1.4.2 Foam

3.1.4.3 Rubber

3.1.4.4 Polyurethane foam

3.1.5 Any combination of processes from above units

Unit 4. Critique

General Outcome:

4.0 The students should be able to identify the strengths and weaknesses of free standing or bas-relief sculpture.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

4.1 Develop an understanding and vocabulary by which they can identify concepts and explain their evaluation:

4.2 Discuss the following:

- 4.2.1 Composition
- 4.2.2 Craftsmanship
- 4.2.3 Visual impact
- 4.2.4 Emotional impact