

ART 252 : CERAMICS: INTERMEDIATE WHEEL THROWING

Transcript title

Ceramics: Intermediate Wheel

Credits

3

Grading mode

Standard letter grades

Total contact hours

60

Other hours

60

Recommended preparation

ART 121 and ART 122.

Course Description

Enhances ceramic wheel throwing skills, with an emphasis on complex functional forms, as well as the understanding of glaze formulation, testing and kiln firing. Includes presentation of historical, cultural and contemporary trends in ceramics. May be repeated up to 9 credits.

Course learning outcomes

1. Demonstrate basic information about the clay medium: the raw materials that make clay and the characteristics of clay--#colors, maturing temperatures, shrinkage, and plasticity.
2. Articulate the basic vocabulary terms of ceramics.
3. Practice safe handling and use of the raw materials associated with ceramics.
4. Recognize the possibilities and limitations of working with clay at its various stages between wet and dry.
5. Work through the appropriate steps to manipulate a lump of wet clay in order to turn it into a well-crafted object using wheel throwing techniques.
6. Glaze pieces of bisqueware successfully and safely using a variety of application techniques.
7. Recognize flaws in construction and suggest solutions to avoid repeating the flaws.
8. Identify predominant elements of structure in a given example of ceramic work.
9. Verbally analyze a ceramic item using the elements of structure.
10. Sketch an idea for a piece that indicates proportion, scale and method of construction, and to execute the idea in a well-crafted manner.

Content outline

1. Ceramics vocabulary/terminology
2. Strategies for developing ideas (i.e. experiencing and playing with materials, imagining, dreaming, visualizing, symbolizing, writing, reading, researching, studying historical and cultural examples, sketching, collaborating, discussing)
3. Strategies for problem solving towards concretions of ideas in ceramic form (i.e. sketches, plans, maquettes, test pieces, models)
4. Wheel throwing and assembling complex forms

5. Various decorative techniques (i.e. sgraffito, wax resist...)
6. Methods of glaze application
7. Design elements used to create ceramic form: point, line, plane, texture, shadow, light, value, color, volume, mass, etc.
8. Relationships of design elements/principles (e.g. proportion, scale, interrelationship of shapes, relative value and color, quality of texture, etc.)
9. Differentiation of clay bodies, their physical and historical traits, composition, preparation and utilization.
10. Proper safety/health equipment and procedures in working with ceramics.
11. Energy sources and their inherent effect on the clay, glaze and kiln. Cognitive and practical awareness of the firing options (e.g. bisque, gas reduction, oxidation, raku, pit-fire, wood, soda, salt, luster, low-fire, etc.
12. Historical and contemporary perspectives in ceramics and their relationship to content and manifestation of ideas.

Required materials

Students will need to provide specific materials used in this course, please see the syllabus for a detailed list.