

College of San Mateo
Official Course Outline

1. **COURSE ID:** ART 412 **TITLE:** Ceramics II

Units: 3.0 units **Hours/Semester:** 24.0-27.0 Lecture hours; 72.0-81.0 Lab hours; and 48.0-54.0 Homework hours

Method of Grading: Grade Option (Letter Grade or Pass/No Pass)

Prerequisite: ART 411

2. **COURSE DESIGNATION:**

Degree Credit

Transfer credit: CSU; UC

3. **COURSE DESCRIPTIONS:**

Catalog Description:

Continuation of Ceramics I and an introduction to the chemistry of glazing and the firing process of ceramics. During this course the student will learn the techniques of loading and unloading kilns and glaze making. Students will have the opportunity to construct a large number of projects of their own choosing. We have many different firings to experiment with, including low fire, stoneware, salt and Raku. Extra supplies may be required. A materials fee as shown in the Schedule of Classes is payable upon registration.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**

Upon successful completion of this course, a student will meet the following outcomes:

1. Experiment with glazes (various ceramic chemicals).
2. Demonstrate ability manipulate material to form cohesive clay objects.
3. Apply glazes in an affective and (or) aesthetic manner.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**

Upon successful completion of this course, a student will be able to:

1. Demonstrate the ability to manipulate material to form cohesive clay objects. **OUTCOME:** Portfolio: Work in the portfolio must have structural integrity. Portfolio work must be comprised of works with no cracks, and that are functionally intact.
2. Experiment with glazes (various ceramic chemicals). **OUTCOME:** Student enters the outcome of their glaze test into a computer database of experiments and results.
3. Apply glazes in an effective and (or) aesthetic manner. **OUTCOME:** Portfolio work that demonstrates the students ability to apply glaze effectively as well as aesthetically choose the appropriate color, texture, and method of application and firing.

6. **COURSE CONTENT:**

Lecture Content:

Surface and firing techniques appropriate to an intermediate study in ceramics, including kiln firing (raku, gas, and electric) and glaze chemistry.

Further visual problem solving exercises that develop ceramic work and require exploration and manipulation of the basic materials used to create ceramic works.

Elements and organizing principles of ceramics including but not limited to pinch, coil, soft slab, hard slab, sgraffito, mishima, additive and subtractive techniques, and more advanced pottery wheel work.

Further exploration of ceramics as a major medium of artistic expression, including the history of clay and its role in historical and contemporary cultures as both artistic form and functional craft.

Critical evaluation and critique of individual and class projects using correct terminology in oral or written formats.

Studio, equipment, and material use and safety, including glaze mixing and testing as well as loading and unloading of bisque and high fire kilns

Lab Content:

Lab time allows students to work on their projects using college tools and resources available in the sculpture and ceramics yard. One-to-one instruction, as needed, assists students in refining their use of tools and enhancing their skills.

7. **REPRESENTATIVE METHODS OF INSTRUCTION:**

Typical methods of instruction may include:

A. Other (Specify): The class is taught through lectures and demonstration.

8. REPRESENTATIVE ASSIGNMENTS

Representative assignments in this course may include, but are not limited to the following:

Writing Assignments:

Written quizzes on demonstrations to verify comprehension

Reading Assignments:

Weekly readings from the assigned text or handouts.

9. REPRESENTATIVE METHODS OF EVALUATION

Representative methods of evaluation may include:

A. Exams/Tests

B. Final Performance

C. Projects

D. The final critique of the student's project evaluates the student's progress with the various techniques. This is based on the student's progress from the previous semester as to glazing, size, intricacy, etc. The final also evaluates the completion of the student's glaze test showing understanding of the basic chemistry and test procedures. The student demonstrates his/her understanding of kiln loading by loading a kiln during the semester. The oral exam portion of the final evaluates the student's understanding of the concepts covered during the semester through a discussion of the student's completed projects.

10. REPRESENTATIVE TEXT(S):

Possible textbooks include:

A. Susan Peterson, Jan Peterson. *The Craft and Art of Clay: A Complete Potter's Handbook*, 5th ed. Laurence King Publishing, 2012

Origination Date: August 2020

Curriculum Committee Approval Date: October 2020

Effective Term: Fall 2021

Course Originator: Rory Nakata