

COURSE OUTLINE

Art 192 Earthenware

I. Catalog Statement

Art 192 is an intermediate course in ceramics, dealing specifically with earthenware, or low-fired ceramics. A variety of forming techniques are studied, including slab and wheel. Students experiment with earthenware clay bodies, glazes, underglazes, and slips. Specific projects will include glaze formulation and testing, underglazing, majolica (in-glaze painting), and overglazing (lustres, China paints, and decals). Students learn how to load an electric kiln. Students repeating the class learn how to fire an electric kiln.

Units – 3.0

Lecture Hours – 2.0

Total Studio Hours – 4.0

(Faculty Studio Hours – 2.0 + Student Studio Hours – 2.0 = 4.0 Total Studio Hours)

Prerequisite: Art 186 or Art 190. Recommended: Art 130.

Note: This course may be taken 4 times; a maximum of 12 units may be earned.

II. Course Entry Expectations

Prior to enrolling in the course, the student will be able to:

1. create ceramic vessels using a variety of methods including wheel-throwing and hand building;
2. apply surface design to a pottery form by methods such as stamping, carving, and painting;
3. glaze pottery forms by a variety of techniques including wax resist and oxide design;
4. identify the various types of clays and their working properties;
5. identify the main ingredients in ceramic glazes and explain their individual functions;
6. identify the main types of kilns and explain how they function;
7. evaluate their work and that of others through oral critique.

III. Course Exit Standards

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

1. construct functional and sculptural forms using a variety of earthenware clays and techniques;
2. formulate, prepare, and test earthenware glazes;
3. glaze earthenware pottery using a range of procedures;

4. load and fire electric kilns;
5. evaluate their projects through group and individual critiques;
6. synthesize historical techniques and aesthetics in earthenware into their contemporary projects.

IV. Course Content

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| A. Introduction | 4 hours |
| 1. Course overview | |
| 2. Nature of materials | |
| 3. Required tools and projects | |
| B. Discussion of Earthenware Clay Bodies and Glazes | 4 hours |
| 1. Composition of clay | |
| 2. Characteristics of clay | |
| 3. Low fire white clay bodies | |
| 4. Low fire glaze characteristics | |
| 5. Chemical safety issues with low fire glazes | |
| C. Methods of Forming - Demonstration and Practice | 18 hours |
| 1. Slab building | |
| 2. Wheel throwing | |
| D. Individual Projects | 18 hours |
| 1. Historical overview of each technique | |
| 2. Slides of representative projects | |
| 3. Initial project designs using sketches and templates | |
| 4. Project execution | |
| E. Surface Design | 12 hours |
| 1. Underglaze | |
| 2. Colored slips (engobe) | |
| 3. Majolica glazing | |
| 4. Overglazes, lusters, China paints, decals | |
| F. Firing Procedures | 8 hours |
| 1. Bisque firing | |
| 2. Glaze firing | |
| 3. Kiln safety | |

V. Methods of Presentation

The following instructional methodologies may be used in the course:

1. lecture;
2. demonstration;
3. group and individual critique.

VI. Assignments and Methods of Evaluation

1. Exams.
2. Written museum report.
3. Projects.

VII. Textbook

Peterson, S. The Craft and Art of Clay. Fourth Edition.
Upper Saddle River, N. J.: Prentice Hall, 2003.
11th Grade Textbook Reading Level. ISBN: 013-184426-1