



FUNCTIONAL CERAMICS

Grand Haven High School



Course Number: L67

Grade Level: 10th, 11th, 12th

Credits : 1/2 Credit

Prerequisite Courses : Passed Art and Design, Ceramics I

Course Description

Functional Ceramics is an advanced ceramic art course. This course is designed to give students the opportunity to further their understanding of the clay material and its potential for three-dimensional functional objects using both hand-building and wheel thrown methods of construction. Students will have the opportunity to further their knowledge and skills in both ceramic construction and ceramic surfacing. Class requirements include: A. Work on the potter's wheel, B. Advanced level work in hand building techniques or combination of handbuilding and wheel thrown methods, C. Decoration with glaze or other methods, D. Glaze mixing, E. Ceramic Geology, F. Ceramic History/Appreciation

Course Objectives

- * to advance mastery of ceramic building techniques
- * to explore advanced ceramic surfacing techniques including glaze chemistry
- * to create aesthetically pleasing 3-dimensional functional ceramic art products
- * to gain understanding and mastery of craftsmanship in clay
- * to evaluate art products in terms of design, functionality, ergonomics, and expressive qualities
- * to become familiar with ceramic history/ceramic artists/ceramic appreciation
- * to increase perceptual awareness
- * to employ the creative process in designing functional ceramic objects
- * to employ the Elements of Art and Principles of Design
- * to understand the possibilities and limitations inherent to the clay medium
- * to master terminology specific to ceramics
- * to gain knowledge of clay geology and clay bodies
- * to understand basic electric bisque and glaze firing processes/temperature
- * to gain understanding of how to match clay bodies and glazes to firing temperatures

Building Behavioral Expectations

TEAM GH ... One Team, One Family, One Grand Haven. Be Kind. Always.

It is our expectation that ALL GHHS students, staff and parents will ... always give their best **EFFORT** in everything that they do, work hard to be **INCLUSIVE** of each other, show **RESPONSIBILITY** in class, the hallways, cafeteria and at events, and **WORK TOGETHER** at all times!

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Student Expectations

1. REQUIRED MATERIALS AND COURSE FEES: There is a \$25.00 MATERIALS FEE to take this class, which is due the first week of class. If writing a check, please make your check out to Grand Haven High School. Write "Ceramics" in the memo.
2. CLASS TIME: Students are responsible for using class time for on-task assigned activities only and for the proper use and cleaning up of their work areas, tools and equipment.
3. ASSIGNMENT COMPLETION: Students are responsible for the completion of all assignments prior to assessment.
4. ASSESSMENTS (TESTS, QUIZZES, FINAL EXAM): Students are responsible for preparing for tests/quizzes (via in-class instruction and construction experiences, notetaking, and outside of class studying.)

Communication

Your e-mail address is the most efficient method for me to contact you. E-mail addresses/phone numbers provided will remain confidential. To contact me, e-mail is also the most efficient method. Please e-mail greenes@ghaps.org or leave a message on my classroom phone. (616-850-6111)

Grading Policy

CLASS WORK/STUDIO WORK: (30%) Studio work will include tests/quizzes, writing assignments, self-evaluations, sketchbook and design exercises, preliminary drawings, daily progress, clean up and studio etiquette.

PORTFOLIO: (70%) A portfolio is the collection of art products created during class. These will be evaluated based on creativity, technique, craftsmanship, and level of mastery.

FINAL EXAM: A final exam will be given that will include a written test and a portfolio section.

SEMESTER GRADE: The semester grade will be an average of the term grade (80%), and the final exam (20%).

Scope and Sequence

1. Ceramic Terminology (clay bodies, construction terminology, glaze chemistry, Firing methods, etc.)

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2. Potter's Wheel:
 - A. Stoneware Cup,
 - B. Stoneware Bowl and/or Platter
 - C. Earthenware (whiteware) Sgraffito Lidded Jar
3. Handbuilding:
 - A. Asymmetrical Coil
 - B. Draped with attachments (Lip, Foot, Handles)
4. Surfacing: Glazing Mixing, Glazing Techniques, Sgraffito
5. Ceramic History and Geology
6. Clay Bodies and Kiln Firing

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