SYLLABUS

DATE OF LAST REVIEW: 02/2013
CIP CODE: 24.0101
SEMESTER: DEPARTMENTAL SYLLABUS
COURSE TITLE: CERAMICS I
COURSE NUMBER: FNAR0161
CREDIT HOURS: 3
INSTRUCTOR: DEPARTMENTAL SYLLABUS
OFFICE LOCATION: DEPARTMENTAL SYLLABUS
OFFICE HOURS: DEPARTMENTAL SYLLABUS
TELEPHONE: DEPARTMENTAL SYLLABUS
PREQUISITES: None
EMAIL: DEPARTMENTAL SYLLABUS

*KCKCC-issued email accounts are the official means for electronically communicating with our students.*

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
Ceramics I is a one-semester study of three-dimensional design in the medium of clay. The techniques of hand building and wheel throwing will be introduced with an emphasis on the development of an understanding of the form and functions of utilitarian and sculptural projects in clay. The design quality of the project form and surface treatment will be emphasized. The concepts of aesthetics and art criticism will be explored.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.
I. COURSE OUTLINE
   A. Tools and studio equipment
      1. Terminology of ceramic processes
      2. Definitions of ceramic products and tools
      3. Demonstration of ceramic equipment’s functions
   B. Clay bodies
      1. Types of clay bodies
      2. Clay properties
      3. Stages of clay and ceramic materials
      4. Storage
      5. Health and safety factor
   C. Hand building techniques
      1. Coil
      2. Slab
      3. Combinations with wheel throwing
   D. Wheel throwing
      1. Centering and opening
      2. Basic forms
      3. Trimming
   E. Surface decoration
      1. Under glazes, slips, and stains
   F. Firing methods
      1. Loading and unloading of kilns
      2. Oxidation and reduction glaze firings
   G. Aesthetics and criticism

EXPECTED LEARNER OUTCOMES:

The student will demonstrate:
   A. Knowledge of the appropriate tools for ceramics
   B. Knowledge of the equipments uses and limitations
   C. Knowledge of the types of clay and their physical properties
   D. Knowledge of the stages of clay and how they can effect production
   E. Knowledge of the health and safety factors of clays and ceramics chemicals
   F. Knowledge of the firing process
   G. The ability to throw on the potter’s wheel
   H. The ability to construct clay projects in the slab techniques
   I. The ability to utilize under glazes and glazes in surface decoration

COURSE COMMPETENCIES:

Knowledge of the appropriate tools for ceramics
   1. The student will utilize the specific terminology of ceramics.
   2. The student will demonstrate appropriate utilization of all the ceramics hand tools.
   3. The student will demonstrate proper cutting with a wire tool.
   4. The student will demonstrate proper use of needle tools and use of loop tools.
5. The student will demonstrate proper use of ribs and use of sponges.

Knowledge of the equipment used in ceramics and the equipment limitations
6. The student will demonstrate a beginning understanding of the operation of a slab roller and clay extruder.
7. The student will demonstrate a beginning understanding of the operation of a grinding wheel and buffer.
8. The student will demonstrate a beginning understanding of the operation of a powered ceramics wheel.

Knowledge of the types of clay and their physical properties
9. The student will be able to control the ceramic media in a way that emphasizes good craftsmanship.
10. The student will demonstrate in writing a basic knowledge of clay bodies and their properties.
11. The student will be able to form and defend judgments about the characteristics and structure of the ceramics projects (criticism).
12. The student will be able to describe and interpret how art qualities and subject matter function together to give the ceramic projects a unique expression (aesthetics).

Knowledge of the stages of clay and how they can effect production
13. The student will be able to construct ceramic projects in the wet and leather hard stages of clay.
14. The student will be able to dry a ceramic project without breakage.

Knowledge of the health and safety factors of clays and ceramics chemicals
15. The student will use safety procedures for the handling of wet and dry clay.
16. The student will be able to use ceramics chemicals safely.
17. The student will use proper safety equipment in operation of all tools and machines.

Knowledge of the firing process
18. The student will demonstrate a beginning basic knowledge of the cone system of firing and the bisque, glaze, and re-glaze stages of the firing process.
19. The student will be able to load a kiln for a bisque and glaze firing under instructor supervision.

The ability to throw on the potter’s wheel
20. The student will demonstrate proper beginning wedging technique.
21. The student will demonstrate proper beginning centering technique.
22. The student will demonstrate proper beginning “opening” of the centered clay and “drawing” of the centered clay.
23. The student will demonstrate proper beginning “closing” of the thrown form.
24. The student will demonstrate removal of the thrown form from the bat.

The ability to construct clay projects in the slab techniques
25. The student will demonstrate proper beginning planning of slab forms.
26. The student will demonstrate proper beginning scoring and slip use in joining slab
The ability to utilize under glazes and glazes in surface decoration

27. The student will be able to apply prepared and commercial under glazes, slip, stains, and glazes at the appropriate stage of ceramic production.

ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation

SPECIAL NOTES:
This Syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

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