CERAMICS II is a one-semester study of three-dimensional design in the medium of clay. This course allows students who have successfully completed Ceramics I the opportunity to develop their skills in the ceramic arts. Each student, with the approval of the instructor, will develop a concentration area or areas in the ceramic arts. Each student will develop a portfolio of works by the end of the semester. The areas of concentration will be developed from research.

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 students needs.
COURSE OUTLINE
I. Tools and studio equipment
   A. Terminology of ceramic processes
   B. Definitions of ceramic products and tools
   C. Demonstration of ceramic equipment’s functions
II. Clay bodies
    A. Types of clay bodies
    B. Clay properties
III. Stages of clay and ceramic materials
    A. Storage
    B. Health and safety factor
IV. Hand building techniques
    A. Coil
    B. Slab
    C. Combinations with wheel throwing
V. Wheel throwing
    A. Centering and opening
    B. Basic forms
    C. Trimming
VI. Surface decoration
    A. Under glazes, slips, and stains
VII. Firing methods
    A. Loading and unloading of kilns
    B. Oxidation and reduction glaze firings
VIII. 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 COMPETENCIES:

Knowledge of the appropriate tools for ceramics
1. The student will be able to research project from various written and web sources.
2. The student will be able to employ skeptical, evaluative, and logical approaches in processing information and draw conclusions about his/her work and that of others.
3. The student will be able to identify and describe various historical characteristics in his/her own ceramic works.
4. The student will utilize the specific terminology of ceramics.
5. The student will demonstrate appropriate utilization of all the ceramics hand tools including a wire tool, needle tools, use of loop tools, use of ribs and use of sponges.

*Knowledge of the equipment used in ceramics and the equipment limitations*
6. The student will demonstrate proper use of the operation of a slab roller and clay extruder.
7. The student will demonstrate a proper use of the operation of a grinding wheel and buffer.
8. The student will demonstrate a proper use 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 an advanced 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 design and 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 an advanced 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 without the instructor’s supervision.

*The ability to throw on the potter’s wheel*
20. The student will demonstrate proper advanced wedging technique.
21. The student will demonstrate proper advanced centering technique.
22. The student will demonstrate proper advanced “opening” of the centered clay and “drawing” of the centered clay.
23. The student will demonstrate proper advanced “closing” of the thrown form.
24. The student will demonstrate drawing a clay handle.
25. The student will demonstrate creating a pouring spout from clay.

*The ability to construct clay projects in the slab techniques*
26. The student will demonstrate proper advanced planning of slab forms.
27. The student will demonstrate proper advanced rolling of clay slabs, scoring and slip use in joining slab forms.

*The ability to utilize under glazes and glazes in surface decoration*
28. The student will be able to prepare glazes under the supervision of the instructor.
29. The student will be able to apply under glazes, slip, stains, and glazes at the appropriate stage of ceramic materials.

**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.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center, in Rm. 3354 or call at: 288-7670.