SYLLABUS

ARTS 2347 - Ceramics II (5007115126) 2-4
Prerequisite: ARTS 2346, or instructor approval

Further development of technical skills with an emphasis on individual expression as applied toward ceramic ware. Glazing and firing techniques will be explored.

TEXTBOOK: Art & Craft of Clay, Susan Peterson, 2nd Ed.

COURSE OBJECTIVES:

Ceramics II is a continuation of Ceramics I, including instruction in clay body formulation, technical firing procedures, and glaze methods. Emphasis on original design, craftsmanship, and approaching ceramics as an art form. The primary objectives are producing finished work suitable for exhibition and the development of a professional attitude towards ceramics and preparing students for upper division course work. The work inside and outside of class will be directed toward the following:

1. Development of creative expression within the discipline of specific assignments.
2. Developing glazes appropriate to the clay-body and individual expression.
3. Developing technical understanding and knowledge of the medium of clay and glazes - in practical application.
4. Further development of throwing skills.
5. Further development of skills in glaze methods.
6. Development of a personal portfolio/of ceramic ware.
7. Acquiring firsthand knowledge of the nomenclature of clay and glazes as evidenced in a mid-term and final written exam.
8. Acquiring firsthand knowledge in loading and firing bisque, stoneware, and RAKU.

TEACHING METHODS:

1. Lecture and class discussions over course content.
2. Demonstrations.
3. Critique of lab problems.
4. Audio visuals related to print processes and compositional design.

EVALUATION PROCEDURES:

Grades will be based on the following:

1. Participation in CBC Student Art Show and Sale.
2. Creativity and originality.
3. Growth in understanding of the technical and conceptual elements of the medium of clay and effective use of that understanding.
4. Craftsmanship and attention to details consistent with the creative concept.

5. Class attendance, participation and performance.
6. Observation of deadlines for projects.
7. Critique participation.
8. Clean-up.
9. Midterm and final quiz.

EVALUATION METHODS:

1. Completion of assignments with adherence to creativity, productivity and craftsmanship.
2. Development of personal style as evidenced in sketchbook drawings.
3. Participation in student exhibition and sale at end of the semester.
4. Attendance - total of no more than 3 absences excused or unexcused unless granted special permission from the Instructor. 5 absences results in a drop from the course.
5. Midterm final exam.

TOOLS & SUPPLIES:

Notebook	Work shirt or apron
Sketchbook	Cleaners plastic bags
Potter's tool kit	Assorted brushes
Old towel	
Plastic bucket	

Projects will be detailed in class. Projects listed are a minimum. Remember - you are dealing with motor skills that take time to develop, or be refreshed. You will be working with larger amounts of clay and more technically complex projects.

If you have taken 2347 more than once your projects will be more individualized. However, there will be three (3) required assignments to be detailed in class.

SAFETY:

Ceramics can be a hazardous craft but with reasonable precautions and attitude you should avoid problems.

1) Assume everything firing or just fired is too hot to touch even if it does not look hot.
2) NO RAKU FIRING WITHOUT INSTRUCTOR PRESENT.
3) Many chemicals are toxic THEREFORE - no eating or drinking in clay area ■ wash hands thoroughly before eating, etc.

TECHNIQUES TO BE EXPLORED:

Hand building

1. Slab
2. Pinch
3. Coil
4. Pressmold
5. Thrown

Throwing

1. Closed forms
2. Open forms
3. Lidded forms
4. Multiple thrown parts assembled

Glazing - RAKU

1. Experimental
2. Brushing
3. Dipping and pouring

BIBLIOGRAPHY:

For inspiration at least once a week, go the CBC Library and look at "American Craft, "Ceramics Monthly", and "Craft Report". Also look at books on clay.
Books: Functional Pottery, Robin Hopper
Ceramics Spectrum, Robin Hopper

COURSE OUTLINE

WEEK 1 & 2	Getting Motor Skills Tuned Problem # 1 - Bowls, Bottles, or Covered Containers - 5" diameter -- even walls no more than 1/4 inch thick. Well defined rim and base - remaining bowls different rims and foot rings or covered jars. Studio
WEEK 3	Critique of Project Problem #3 - Set of 3 Teapots or Coffee Pot sets. Imagery, decoration derived from nature - combing multiple thrown parts. Studio
WEEK 4-7	Critique of Problem #3 - **MidTerm Quiz** Problem #4 - Teapots or Fountains Excellent design, creativity and craftsmanship. Details in class or Object expressing the Texas Environment - this can be handbill or thrown or a combination. Studio
WEEK 8-11	Problem # 5 - Ceramic Ware - for Student Art Sale Get work ready for student exhibition.
WEEK 11 & 12	Finish work for Student Art Show & Sale - **LAST BISQUE FIRE BEFORE SHOW -** **MON., NOV. 13 - This is a definite date.** **LAST CONE 10 GLAZE FIRING BEFORE SHOW -** **LAST CONE 10 GLAZE** **KILN LOADED**
WEEK 13	**INSTALL SHOW**
WEEK 14 &	**Finish all work. Clean-up studio, lockers, etc.,** **Lecture on clay, glazes & firing techniques.**

FINAL EXAM
Glazing & Firing
Clay -- Bisque & Glaze

NO RAKU FIRING WITHOUT INSTRUCTOR PRESENT!

STUDIO HOURS:

Mon/Wed 8:00 a.m. - 5:00 p.m.
Tue/Thu 8:00 a.m. - 5:00 p.m.

CERAMICS - TERMS

Some terms, processes, are chemical/fire reactions and are not limited to one step or single thing. Divisions here are for convenience. Other ceramic terms might be added to the list as they apply to course work.

CLAY

formula for clay
primary/residual clay
secondary/sedimentary clay
plastic/plasticity
grog
ball clay
Kaolin
clay body
slip clay
leather hard
shrinkage
cone
wedging
slip
centering
chuck
bone dry
dunting
shaping
flange
mold
off-the-hump
scoring
greenware
opening
widening
raising pass

GLAZES

flux
alumina/refractory
glass former
wax resist
maturity
dry foot
reduction glazes
opaque glazes
transparent glazes
sgraffito
crazing
shivering
blistering
pinholes
crawling
overfire
underfire

FIRING

firing
glaze
glaze stains
kiln wash
maturing temperature
mullite
neutral atmosphere
updraft kiln
downdraft kiln
post firing reduction
carbon core
bisque fire
glaze fire
RAKU fire
eutectic point
quartz inversion
chemical water

under glaze
overglaze
coloring oxides
engobes
luster glazes

mechanical water
vitrification
reduction fire
oxidation fire
cone pack

RAKU glazes
salt glazes
ash glazes

gas kiln
electric kiln
kiln
candeling

Special Note: If you have a documented disability that will impact your work in this class, please contact me to discuss your needs.