



ARTS 246 - Raku-Fired Ceramics Course Outline

Approval Date: 01/28/2011

Effective Date: 08/01/2011

SECTION A

Unique ID Number CCC000181947

Discipline(s) Art

Division Arts and Humanities

Subject Area Art

Subject Code ARTS

Course Number 246

Course Title Raku-Fired Ceramics

TOP Code/SAM Code 1002.30 - Ceramic Arts and Ceramics / E - Non-Occupational

Rationale for adding this course to the curriculum

Units 1

Cross List N/A

Typical Course Weeks

Total Instructional Hours

Contact Hours

Lecture 0.00

Lab 0.00

Activity 36.00

Work Experience 0.00

Outside of Class Hours 18.00

Total Contact Hours 36

Total Student Hours 54

Open Entry/Open Exit No

Maximum Enrollment

Grading Option Letter Grade or P/NP

Distance Education Mode of Instruction

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description This course involves an introduction to and continued investigation of the Raku-firing process. Includes the study of clay and glaze varieties appropriate for Raku. Students will design and produce ceramic forms specifically for the Raku process. The form, function, surface, and content of historic, contemporary and student works will be analyzed and studied.

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s): *None*

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

- A. Create Raku-fired ceramic objects that synthesize core three-dimensional forming concepts and draw upon the history of Raku-fired objects.
- B. Evaluate and critique student works and receive criticism from others.

2. Course Objectives: Upon completion of this course, the student will be able to:

- A. Create ceramic objects that demonstrate an understanding of forming methods and the Raku Process.
- B. Demonstrate the ability to critique and evaluate three-dimensional objects using appropriate language.
- C. Distinguish the results of various Raku-firing techniques.
- D. Synthesize forming, glazing and firing techniques.
- E. Demonstrate knowledge of studio equipment and procedures.
- F.

3. Course Content

- A. Development of the Raku process and clay-forming techniques.
- B. Active critique using proper methods and terminology.
- C. Glaze types, materials, color, surface, defects.
- D. Raku-firing; stacking, heat cycle, heat measurement, observation, extraction, atmosphere, cooling.
- E. Operation and maintenance of studio equipment and facilities.

The students repeating Raku-Fired Ceramics will be expected to demonstrate progress in understanding forms, materials, techniques, content and philosophy. Projects will progress through an increasingly complex synthesis of form, surface and content.

Lab Content (Lab activities need to be detailed and compliment the lecture content of the course):

- A. Development of the Raku process and clay-forming techniques.
- B. Active critique using proper methods and terminology.
- C. Glaze types, materials, color, surface, defects.

- D. Raku-firing: stacking, heat cycle, heat measurement, observation, extraction, atmosphere, cooling.
- E. Operation and maintenance of studio equipment and facilities.
- F.

4. Methods of Instruction:

Lab:

Lecture:

Other (Specify):

Other: Lecture: 1. Visual (pictures, projections, drawing, writing). 2. Verbal. 3. Formal demonstration of ceramic techniques and processes. 4. Instructor-directed group and one-on-one critique. Lab: 1. Individual hands-on demonstration during skill repetition. 2. Instructor-facilitated group studio dialogue. 3. Hands-on group participation in instructor led firings. This studio Art class will be taught with both formal and ongoing integrated lecture. Students will receive hands-on group demonstrations as well as one-on-one instruction, demonstration and direction. Lectures and demonstrations will often if not always be accompanied by visual aids and/or real hands-on experience. Further, students will learn by interacting with the materials and process inherent in studio art.

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Typical classroom assessment techniques

Final Exam --

Additional assessment information:

- 1. Work submitted at regular intervals for evaluation during group and instructor critique.
- 2. Final exam (objective, essay).
- 3. Final pieces submitted for critique and evaluation.

Letter Grade or P/NP

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

Reading:

- 1. Selected readings from "Raku Secrets".
 - a. Read the chapters that discuss post-fire reduction and attempt one of these techniques.
 - b. Using the glaze recipe sections of this book read about, identify and test at least two Raku glazes.
- 2. Research reading from periodicals like "Ceramics Monthly", "The Studio Potter", "Ceramics Technical", and "Ceramic Art and Perception".
 - a. For example, class participants are to research and read current articles that address methods of Raku-firing and share their findings with the class.

B. Writing Assignments

1. Writing:

- a. Written Response to "What is Critique" from "The Critique Handbook".
 - b. Students will submit a written analysis of how well their ceramic forms utilize the Raku process.
2. Performance:
- a. Create and test at least 1 glaze and 1 slip that works well in the Raku kiln.
 - b. Creation of at least 2 raku-fired pieces that demonstrate some experimental slip and/or glaze treatments.

C. Other Assignments

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7. Required Materials

A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

Book #1:

Author: Gary Ferguson

Title: Raku Secrets

Publisher: Cherry Creek

Date of Publication: 2005

Edition: 1st

B. Other required materials/supplies.