

**RARITAN VALLEY COMMUNITY COLLEGE  
ACADEMIC COURSE OUTLINE**

**ARTS223 ADVANCED GLAZING FOR THE STUDIO POTTER**

**I. Basic Course Information**

A. Course Number and Title: ARTS223 ADVANCED GLAZING FOR THE STUDIO POTTER

B. New or Modified Course: MODIFIED

C. Date of Proposal: Semester: FALL      Year: 2016

**D. Effective Term: Fall 2017**

E. Sponsoring Department: VISUAL AND PERFORMING ARTS DEPARTMENT

F. Semester Credit Hours: 3

G. Weekly Contact Hours:                      Lecture: 2  
   Laboratory: 2  
   Out of class student work per week: 8

H. Prerequisite: ARTS222 CERAMICS III

I. Laboratory Fees: YES (Also students purchase clay vouchers at Finance Department)

J. Name and Telephone Number or E-Mail Address of Department Chair at time of approval: Dennis Russo, Dennis.Russo@raritanval.edu

**II. Catalog Description**

*Prerequisite: ARTS222 CERAMICS III*

This course instructs the student in the theory and practice of glaze chemistry and glaze formulation. Students will learn how to formulate original glazes from glaze materials. Instruction will cover stoneware and porcelain glazes as well as low-fire and Raku glazes. Special glaze effects such as lusters, ceramic decals, underglazes and overglazes will also be discussed and used. Students will purchase vouchers for clay through the Finance Department, and will be responsible for purchasing ceramic tools, glazes brushes and glaze containers on their own.

### **III. Statement of Course Need**

- A. Advanced Glazing for the Studio Potter teaches knowledge and application of making glazes. This practice is necessary for ceramic artists to develop their art work at a professional level. The course is generally offered in ceramics programs at four-year colleges.
- B. Students need the use of the ceramics studio, glaze materials, kilns and potter's wheels in order to complete the course content and learning outcomes.
- C. This course generally transfers as a program elective in a four-year ceramic art major.

### **IV. Place of Course in College Curriculum**

- A. Free Elective
- B. This course meets a program requirement as an Advanced Studio Elective in the Associate of Fine Arts, Visual Arts.
- C. To see course transferability: a) for New Jersey schools, go to the NJ Transfer website, [www.njtransfer.org](http://www.njtransfer.org); b) for all other colleges and universities, go to the individual websites.

### **V. Outline of Course Content**

- A Lectures, demonstrations and assignments on the following topics:
  - 1. history of ceramic glazes
  - 2. types of glazes
  - 3. glaze materials
  - 4. physical transformation of glazes in kiln.
  - 5. glaze formulation using the percentage method.
  - 6. glaze formulation using the empirical method.
  - 7. high fire reduction porcelain and stoneware glazes
  - 8. glaze defects.
  - 9. underglazes, overglazes, decals and lusters
  - 10. Raku glazes
  - 11. glaze application methods
  - 12. glazing and the aesthetics of ceramics.
- B. Student will conduct individual glazes experiments in order to develop their original base glaze with 5-10 colored glazes. The above lectures and demonstrations will be correlated to the particular glaze experiments. Students will test their individual glazes on test pots.
- C. Students will be tested on their acquired knowledge by means of a written mid-term and final exam.

### **VI. General Education and Course Learning Outcomes**

**Outcomes** (the term here is synonymous with *instructional objectives* and learning *objectives*) are specific statements about knowledge, competencies, attitudes and/or skills to be acquired by the student upon the completion of the course. The student learning outcomes (SLOs) should be measurable and include an appropriate range of levels from the appropriate domains (cognitive, affective, and psychomotor) described in Benjamin Bloom's *Taxonomy of Educational Objectives*.

**A. General Education Learning Outcomes:**

**At the completion of the course, students will be able to:**

1. Analyze, identify and critique, both orally and in writing, the formal elements of glaze practice and the meaning of glazes in historical and contemporary ceramics. (GE-NJ1,6, ER, \*)
2. Employ creative problem solving to develop an idea into a finished artwork.\*

\*Embedded critical thinking

**B. Course Learning Outcomes:**

**At the completion of the course, students will be able to:**

1. Produce a portfolio of an original glaze base, 5-10 colored glazes that display the formal elements and knowledge of glaze making for ceramic art.

**C. Assessment Instruments**

1. art work
2. instructor demonstrations
3. portfolios
4. in class and homework studio assignments
5. group critiques (required)
6. individual critiques
7. small group work
8. written mid-term and final

**VII. Grade Determinants**

- A. glaze chemistry testing and results
- B. projects
- C. written tests
- D. participation in critiques (required)

Given the goals and outcomes described above, LIST the primary formats, modes, and methods for teaching and learning that may be used in the course:

- A. lecture/discussion
- B. small-group work

- C. art historical images on web
- D. student collaboration

### **VIII. Texts and Materials**

- A. suggested textbook: A glaze chemistry book such as *CLAY AND GLAZES FOR THE POTTER* by Daniel Rhodes. Chilton Press. ISBN-13 978-0301900983
- B. web sources
- C. interviews
- D. film and video

Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.

### **IX. Resources**

Ceramics studio with handbuilding tables, glazing area, clay making machine, extruder, air brush unit, kilns and short throw digital projector.

**X. Honors Option: N/A**