

**College of San Mateo  
Official Course Outline**

1. **COURSE ID:** ART 392    **TITLE:** Experimental Photography 2  
**Units:** 3.0 units    **Hours/Semester:** 24.0-27.0 Lecture hours; 72.0-81.0 Lab hours; and 48.0-54.0 Homework hours  
**Method of Grading:** Letter Grade Only  
**Prerequisite:** ART 391

2. **COURSE DESIGNATION:**  
**Degree Credit**  
**Transfer credit:** CSU; UC

3. **COURSE DESCRIPTIONS:**  
**Catalog Description:**

Designed for students who have basic experimental photography skills. Intermediate level work with experimental techniques, such as infra-red, negative image, multiple-imagery, handcoloring and others. Portfolio is produced. A materials fee in the amount shown in the Schedule of Classes is payable upon registration.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**

Upon successful completion of this course, a student will meet the following outcomes:

1. Demonstrate, through their photographs, an intermediate level of knowledge and skill of experimental photographic techniques, including: Infra-red; negative image; multiple imagery; hand-coloring; cyanotype; and pinhole photography.
2. Critically analyze and evaluate their work, the work of their peers and the work of professional photographers.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**

Upon successful completion of this course, a student will be able to:

1. Demonstrate, through their photographs, an intermediate level knowledge of experimental photographic techniques, including: Infra-red, negative image, multiple imagery, hand-coloring, cyanotype and pinhole photography.
2. Critically analyze and evaluate their work, the work of their peers and the work of professional photographers.

6. **COURSE CONTENT:**

**Lecture Content:**

**Sample Lectures**

**Lecture: Cyanotype**

History  
Iron salts versus silver salts  
Coating Paper  
Solar exposure of iron salts  
Print finishing

**Lecture: Pinhole Photography**

History  
Camera construction  
Modifying a film camera  
Pinhole versus zone plate

**Lecture: Enlarged Photograms**

History  
Materials and procedure  
● Paint versus ink  
● Karo syrup technique  
Multiple image with film

**Review:**

**Lecture: Infra Red**

Electromagnetic Field  
Filter Choices  
Focus Shift  
Exposure Adjustment  
Image Quality (grain, halation)  
Processing (load camera complete darkness)  
Precautions (static, loading, whisper drive)

**Lecture: Multiple Imagery**

In-camera  
Exposure compensation  
Sandwich Negative  
Triptych (panoramic vs. time)  
Two Enlargers (neg/neg, pos/neg, etc.)

**Lecture: Negative Image**

Slide film  
Reversal using positive (film or paper)

**Lecture: Handcoloring**

Materials:  
Matte Paper  
Photo Oils & Pencils  
PM Solution  
Cotton (long-fiber)  
Print Finishing

**Lecture: Toning**

Sepia  
Selenium  
Pigment toners  
Sulfide toners  
Permanency issues

**Lecture/demo: Mat cutting**

Function of overmat  
materials:  
acid-free board  
linen tape  
burnishing

**Lab Content:****Lab Sessions**

Students will work in the darkroom and print finishing area. They will process film, print proof-sheets, print final prints, coat paper, construct pinhole cameras and mat their portfolio prints in a professional manner.

**7. REPRESENTATIVE METHODS OF INSTRUCTION:**

Typical methods of instruction may include:

- A. Lecture
- B. Lab
- C. Critique
- D. Directed Study
- E. Discussion
- F. Experiments
- G. Field Experience
- H. Observation and Demonstration

**8. REPRESENTATIVE ASSIGNMENTS**

Representative assignments in this course may include, but are not limited to the following:

**Writing Assignments:**

- A. 2-3 page Exhibit Report

**Reading Assignments:**

- A. Reading

Alternative Photographic Process, Christopher James, Chapter 21, The Van Dyke Brown processes; chapter 23 – Hand-Applied Emulsions.

**Other Outside Assignments:**

- A. Create a portfolio of approximately twelve photographs that incorporate experimental techniques and processes.
- B. Expose and process approximately twelve rolls of film.
- C. Over-matte at least one photograph.

**9. REPRESENTATIVE METHODS OF EVALUATION**

Representative methods of evaluation may include:

- A. Class Participation
- B. Class Work
- C. Exams/Tests
- D. Homework
- E. Lab Activities
- F. Papers
- G. Portfolios
- H. Projects
- I. Critiques: Students will turn in a portfolio of prints for critique and grading. They are required to participate in the critique and respond to the photographs of other students in the class.

**10. REPRESENTATIVE TEXT(S):**

Possible textbooks include:

- A. Christopher James. *Alternative Photographic Processes*, 4th ed. Delmar, 2016

**Origination Date:** November 2020

**Curriculum Committee Approval Date:** December 2020

**Effective Term:** Fall 2021

**Course Originator:** Richard Lohmann