

University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
Fort Smith, AR 72913-3649
479-788-7000

General Syllabus

ARTS 37953 Lithography

Credit Hours: 3

Lecture Hours: 2

Studio Hours: 4

Prerequisite(s): ARTS 22153 Introduction to Printmaking or consent of department

head. Effective Catalog: 2019-20

I. Course Information

A. Catalog Description

Encompasses a variety of media and techniques including crayon, tusche, autographic ink, transfer processes, and color lithography.

B. Additional Information

This course is an upper-level elective for students pursuing a Bachelor's degree in studio art and graphic design. It may also be taken by students in art and art-related fields.

II. Student Learning Outcomes

A. Subject Matter

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

1. Grain and counter-etch lithographic stones to prepare them to receive imagery.
2. Create hand-drawn imagery on a lithographic stone in a variety of media.
3. Transfer photographic imagery onto a lithographic stone.
4. Mix and apply etches to a lithographic stone.
5. Prepare inks for printing lithographs.
6. Proof and print editions off a lithographic stone.
7. Register multiple stones for color lithography.
8. Properly use and maintain materials in a lithography shop.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking

Students will draw conclusions and/or solve problems. Lithography involves sequential processes in which the printmaker must continually evaluate the work and draw appropriate conclusions to proceed correctly. Without acute observation and analysis, the student will not be able to print a final edition successfully. Students will assess and revise work-in-progress and to the end of creating comprehensive visual artwork.

Quantitative Reasoning

Students will mix etches of various strengths (due to proportion of ingredients), determine etch times and press settings based on observations in the print shop. Students must interpret visual information and translate their next actions into quantitative solutions.

Communication Skills (Written & Oral)

Students will use specialized vocabulary to ask questions of the instructor, converse in the print shop, and participate in critiques. Students will compose coherent documents appropriate to the intended audience and they will effectively communicate orally in a public setting.

III. Major Course Topics

- A. Origin and history of lithography
- B. Limestone and aluminum plates
- C. Surface preparation
- D. Lithographic media
 - 1. Autographic ink
 - 2. Lithographic crayons and pencils
 - a. Tusche and tusche washes
 - b. Rubbing ink
 - c. Xerox transfer
 - d. Maniere noir and other subtractive processes
- E. Etching
- F. Inks
- G. Rollers
- H. The press
- I. Printing
- J. Registration for color lithography