

Department of Art Syllabus

- I. ART 434 *Papermaking*, 3 Credit Hours
- II. PREREQUISITES
None
- III. TEXTBOOK
None
- IV. COURSE DESCRIPTION
This course offers a variety of sheet forming and sculptural techniques applied to the craft of handmade paper. (Lab fee required).
- V. RATIONALE
As a fine craft, handmade paper can take two directions: functional or aesthetic. It can also be made from recycled material, such as brown paper bags or fabric. These avenues can provide the craftsman with an unlimited array of possibilities for exploration. Furthermore, they can offer direction and lead to creative ideas and inspiration. This course will explore the fine craft of papermaking and the 5 fundamental techniques of sheet forming: laminating, embedding, marbling, embossing, and pulp painting. Between these directions and techniques, the artist has the opportunity to examine papermaking as another means of self-expression.
- VI. LEARNING OBJECTIVES AND OUTCOMES
Upon completion of this course, the student will be able to:
 - A. Trace the history of papermaking from its early use in Asia, to its emergence as an art form in Western culture.
 - B. Identify at least 3 cellulose fibers that can be adapted to papermaking.
 - C. Locate a cellulose fiber that has been transformed to clothing or another functional state. Prepare the fiber for recycling by breaking it down and creating a pulp base, and pull sheets of paper from the pulp.
 - D. Locate 3 types of cellulose fiber in solid form, prepare the fiber for sheet forming by breaking it down and creating a pulp base, then pull sheets of paper from the pulp.
 - E. Use papermaking terminology when describing and explaining techniques and processes unique to papermaking.
 - F. Demonstrate proficiency in the following sheet forming techniques: laminating, embedding, embossing, and pulp painting.
 - G. Locate and assess papermaking supply companies online.
 - H. Research contemporary artists who use papermaking as an artistic medium.

VII. COURSE TOPICS

- A. Introduction to papermaking
- B. Short history of papermaking
- C. Tools and materials
- D. Identifying cellulose fibers
- E. Recycling cellulose fibers
- F. Recycling other fibers
- G. Sheet forming techniques
 - 1. Laminating
 - 2. Embedding
 - 3. Embossing
 - 4. Pouring
 - 5. Pulp painting
- H. Sculptural techniques
 - 1. Casting
 - 2. Carving
 - 3. Modeling
 - 4. Construction

VIII. INSTRUCTIONAL METHODS AND ACTIVITIES

- A. Lecture/demonstrations
- B. Studio exploration
- C Critique

IX. ASSIGNMENTS

- A. Sheet formed paper samples (5"x7")
- B. Participation
- C. Sculptural techniques
- D. Final project

X. GRADING SCALE

See Department of Art Syllabus Addendum for Grading Scale and Evaluation.

XI. LIST OF MATERIALS

List of materials will be provided by instructor.

XII. REFERENCES

Allen, N. B. (1929). *Cotton and other useful fibers*. Boston, MA: Ginn.

Bierman, C. (1996). *Handbook of pulping and papermaking*.
San Diego, CA: Academic Press.

- Dawson, S. (1992). *The art and craft of papermaking*. New York: Lark.
- Fabri, R. (1966). *Sculpture in paper*. New York: Watson-Guption.
- Grummer, A. E. (2011). *Trash to treasure papermaking*. North Adams, MA: Storey.
- Johnson, P. (1958). *Creating with paper: Basic forms and variations*. Seattle, WA: University of Washington Press.
- Johnston, M. G. (1952). *Paper sculpture*. Worcester, MA: Davis.
- Smith, G. Z. (1995). *Teaching hand papermaking: A classroom guide*. Cedar Rapids, IA: Paperpress.
- Toale, B. (1983). *The art of papermaking*. Worcester, MA: Davis.
- Valentine, M. (1990). *How to make your own recycled paper*. Kent, England: British Wildlife.