

01X:110 PAPERMAKING (same as 108:110)

Fall 2005, W18 & W34 AB

Timothy Barrett, Instructor

Paper Specialist, Research Scientist

UI Center for the Book Papermaking Research, Production & Curriculum

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DEOs

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Course Description; Goals and Objectives

This course will explore traditional Asian and Western papermaking techniques, the history of both crafts, and related aesthetics. Students will be exposed to lectures, demonstrations and assignments related to fiber selection, cooking, washing, beating, sheetforming, couching, pressing, drying and determination of quality in the finished sheets. Associated topics will include basic paper chemistry, paper permanence and durability, sizing, watermarking, and coloring. By the end of the course, students should be competent at forming 11 by 16 inch Asian sheets and 18 by 24 Western sheets, and confident about being able to undertake either method on their own away from the University, at minimal expense.

The use of pulp-as-media for the creation of works of art will not be emphasized during this course, however, students interested in this approach are encouraged to experiment, once they have successfully completed regular assignments.

Course Requirements and Grading

- 1) Attendance at all class meetings.
- 2) Presentation of the following drawn from the four key assignments:
 - A) 6 sheets Asian (nagashizuki) kozo; simple, traditional, or a mix
 - B) color test sheet
 - C) bound beating test book; western fiber
 - D) western paper; 5 text or 3 heavyweight
- 3) Successful completion of a special project and report, content and nature to be approved by Barrett; brief presentation on special project to entire class.
- 4) Readings and two quizzes completed. (Quiz grades will be used to swing the final grade if there is a question).

Final grade in the class is awarded based on grades received for all key assignments, the special project, and the quizzes. Plus minus grades will be used in this course. The instructor would like to hear from anyone who has a disability which may require seating modifications or testing accommodations or accommodations of other class requirements, so that appropriate arrangements may be made. Please contact the instructor via phone or email to make an appointment. Likewise, special assistance for any student having problems in the class is available from the instructor at specially arranged times.

Tentative Schedule - Subject to Change

Please note that the semester has been divided into three main blocks, Asian Papermaking, Western Papermaking, and Special Projects. Barrett will be on hand at all class meeting times unless announced otherwise. Work sessions are scheduled to allow some class time for completion of assignments.

Date	Lecture	Hands-on	Assignment
ASIAN			
22 Aug Mon	course introduction	handouts, shop tour, books and reading assignment, lab fee	
24 Aug Wed	Asian Papermaking	Thai kozo cooking, washing, picking and beating	A
29 Aug Mon		sheet forming and drying	
31 Aug Wed		at the vat coaching and practice	A
5 Sept Mon	Labor Day No Class		
7 Sept Wed	Asian Toolmaking	evaluation and grading of finished sheets	A
12 Sept Mon		really big sheet formation demo	A
14 Sept Wed		work session	A
19 Sept Mon		beating western fiber, assignment B intro	B
21 Sept Wed		Videos (Barrett at National Archives)	B
26 Sept Mon		coloring western fiber, assignment C	C
28 Sept Wed		special collections, 2 nd floor, main library	
3 Oct Mon	Asian Wrap-up		B
WESTERN			
5 Oct Wed	Western PM History and Technique	asian assignment A) due	B
10 Oct Mon		western demonstration, assignment D	B
12 Oct Wed		western coaching, western D quality assessments	B
17 Oct Mon		western coaching	D
19 Oct Wed	Paper Chemistry and Watermarking	western coaching	D
24 Oct Mon		bind beating assignment B, sizing demonstration	D
26 Oct Wed		work session, special projects plans finalized	D
31 Oct Mon	Aesthetics in Paper		D
SPECIAL PROJECTS			
2 Nov Wed		special projects work session	
7 Nov Mon		special projects work session	
9 Nov Wed		special projects work session	
14 Nov Mon		special projects work session	
16 Nov Wed		Oakdale field trip; kozo harvest	
21-25 Nov		Thanksgiving Break	
28 Nov Mon		special projects work session	
30 Nov Wed		special projects reports in class	
5 Dec Mon		special projects reports in class	
7 Dec Wed		shop cleanup	

12 Dec Mon		final reviews (exam week 12-16 Dec)	
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**108:110 PAPERMAKING
BIBLIOGRAPHY & ADDITIONAL INFORMATION**

Books

- Barrett (Timothy) JAPANESE PAPERMAKING; TRADITIONS TOOLS AND TECHNIQUES.
New York and Tokyo (John Weatherhill, Inc.) 1983. Strong introduction to the Japanese technique with detailed information on tool construction and supply sources. Excellent appendix by Winifred Lutz on non-Japanese fiber alternatives. (317 pgs.) \$32.50
Newly in print and available through used book sellers.
Required reading: pages 5-71
- Clark (James d'A.) PULP TECHNOLOGY AND TREATMENT OF PAPER. San Francisco (Miller Freeman Publications, Inc.) 1978. Very good technical information on paper chemistry, fiber preparation and paper testing. Written for the machine industry but still the main current technical reference for serious hand papermakers. (751 pgs.) \$97.00
- Dawson (Sophie) THE ART AND CRAFT OF PAPERMAKING. London (Aurum Press) 1993.
Excellent introduction to a wide variety of creative paper techniques. (144 pgs.) 19.95 Pounds Sterling originally. Now available in the US.
- Farnsworth (Donald) A GUIDE TO JAPANESE PAPERMAKING. Oakland (Magnolia Editions) 1989. Brief but very adequate introduction to Japanese style papermaking. (Approx. 35 pgs.) \$10.00?
- Hughes (Sukey) WASHI: THE WORLD OF JAPANESE PAPER. Tokyo, New York and San Francisco (Kodansha International) 1978. Excellent complement to the Barrett book with many photographs. Emphasis on history, aesthetics and the craftspeople. (400 pgs.) \$45.00, out of print.
- Hunter (Dard) PAPERMAKING: HISTORY AND TECHNIQUE OF AN ANCIENT CRAFT. New York (Dover reprint) 1978. Originally published in 1943. The standard reference for anyone interested in Eastern or Western hand papermaking. (611 pgs.) \$16.95.
Required text and reading: pages 150-202, and 428-452.
- Koretsky (Elaine) COLOR FOR THE HAND PAPERMAKER. Brookline, MA (Carriage House Press) 1983. The only substantial contemporary work on the use of dyes and pigments in hand papermaking. \$35.00. Photocopy of original text with samples available from Carriage House for \$18.00. A more expensive sampled edition was also published.

Video Tapes

- Barrett (Timothy) PAPERMAKING. Iowa City, Iowa (UI Center for the Book, UI Video Center) 1994. Five tape series; three on Japanese style papermaking, 2 on western techniques. Intended for beginner to advanced viewers. \$250 for the 5 tape set. Call UI Center for the Book, 319-335-0438.

Suppliers (fibers, pulp tools, pigments, books etc.)

Carriage House Handmade Papers, 79 Guernsey Street, Brooklyn, NY 11222. 800-669-8781
or
carriagehousepaper.com.

Twinrocker Handmade Paper and Papermaking Supplies, PO Box 413, Brookston,
IN 47923, 800-757-TWIN or www.twinrocker.com

Magnolia Editions, 2527 Magnolia Street, Oakland, CA 94607, 510-839-5268 or
www.magnoliapaper.com

College of Liberal Arts and Sciences Classroom Policies

Student Rights and Responsibilities: All students in the College have specific rights and responsibilities. You have the right to adjudication of any complaints you have about classroom activities or instructor actions. If you have any concerns or complaints about this course, please contact me first; this is particularly important if you have a complaint about course policies, grading, or the classroom environment. If, after our discussion, you feel your concern has not been adequately addressed, you should contact Professor Jon Wilcox, Academic Coordinator of the UI Center for the Book (572 EPB, jonathan-wilcox@uiowa.edu). More information on these procedures is available in the Schedule of Courses and on-line in the College's Student Academic Handbook (http://www.clas.uiowa.edu/students/academic_handbook/).

You also have the right to expect a classroom environment that enables you to learn, including modifications if you have a disability. I would like to hear from anyone who has a disability which may require some modification of seating, testing, or other class requirements so that appropriate arrangements may be made. Please contact me during my office hours.

Your responsibilities to this class--and to your education as a whole--include attendance and participation. You are also expected to be honest and honorable in your fulfillment of assignments and in test-taking situations. **Plagiarism** will result in severe punishment: plagiarism is presenting unoriginal work and/or ideas as your own, and includes paraphrasing other people's ideas and words (published or not, from the internet, or from any secondary source). In order to avoid plagiarism, **document** any sources, and **do not paraphrase**, but cite them. You have a responsibility to the rest of the class--and to the instructor--to help create a classroom environment where all may learn. At the most basic level, this means that you will respect the other members of the class and the instructor, and treat them with the courtesy you hope to receive in turn.

This course is given by the College of Liberal Arts and Sciences (CLAS). This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the CLAS. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the CLAS. Details of the

University policy of cross enrollments may be found at:
<http://www.uiowa.edu/~provost/deos/crossenroll.pdf>