

College of Charleston
Program in Historic Preservation and Community Planning - Department of Art History
ARTH 299-001
Historic Preservation Studio

<p><i>Spring Semester 2007</i></p> <p><i>12 Bull Street lecture room and studios</i> <i>WEB PAGE showing syllabi, notes, etc:</i> http://www.cofc.edu/~wardj/Index.html <i>be sure to check the "Message Center"</i></p>	<p style="text-align: right;"><i>James L. Ward, RLA ,Assistant Professor</i> wardj@cofc.edu <i>Office Hours:</i> <i>M, T, W: 11:00-12:00 PM</i> <i>or by app't on Monday Friday afternoons</i> <i>12 Bull Street (in the addition accessible off</i> <i>the rear garden) or by appointment</i></p>
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Course Description and Content

A large part of the appeal of the Preservation and Planning curriculum is that it is preparing the student for focused, professional training in graduate school as planner, architect, landscape architect, and the like. For others, it is a way to refresh their academic training with practical applications and real problem solving - aspects which are parts of all of our lives.

This studio in Historic Preservation will provide the basic skills for observing, measuring, and recording various aspects of historic structures. It will also be a useful adjunct to the other studios in Architectural Design, Urban Design and Landscape Preservation as well as Building Pathology. We will be considering not just the visible artifact, but also consider it as far from inert. We will also spend time on larger questions in construction and preservation, as well as in rehabilitation.

The focus is historic buildings that have not yet been recorded in any detail. We will be working on the campus on the historic core buildings to provide much needed documentation and discussion about the conservation and adaptive reuse of these buildings.

Texts

1. Recording Historic Structures edited by John Burns
2. HABS/HAER Standards as available on-line at <http://www.cr.nps.gov/habshaer/pubs/guide.htm>
3. Preservation of Historic Architecture by Department of the Interior National Park Service
4. Handouts as provided in class

Special Considerations for Studio Work

GENERAL:

- This format is a dynamic method for developing individual effort as well as for developing a team approach to problem solving.
- The studio provides time during class to work on projects but is completely dependent on work completed out of class to pursue the topics adequately. You will need to meet as groups outside of class.
- You should come to class with your materials prepared to work on your project until and after you meet with the Instructor. It is important to discuss topics in class and methods of presentation with students and Instructor.

- Returning studio students who have experience with AUTOCAD will have the option of developing skills with computer aided drafting and imaging for their individual drawing assignments.
- All students are encouraged to develop their personal portfolio. As such students are required to keep originals of their drawings and turn in prints.

COLLEGE EQUIPMENT

- Measurement equipment is available for check-out from the Departmental Secretary.
- Computer usage for AUTOCADD is subject to reserved sign up times as posted on the door to secretary's office.
- Desks and flat file storage will be assigned to students at the beginning of the semester for that semester only. Any items left after the day of the exam is subject to being removed and disposed of.
- Students will be responsible for the return in good order of all equipment in their charge. Any damage or loss shall be paid for prior to issuing grade for course.

Grading Criteria

#	Description	Type of project	Due date 2:00 PM	% of total
1	Plan pencil drawings	Team	1/26	7.5%
2	Elevation sketches	Team	2/2	7.5%
3	Detail sketches	Individual	2/9	5%
4	Readings Quiz	Individual	2/14	10%
5	Historical report	Team	3/2	10%
	MIDTERM	<i>This % may vary based on when midterm grades are due.</i>		40% OF FINAL
6	Final plans	Team	3/23	10%
7	Final elevations	Team	3/30	10%
8	Final detail and spec	Individual	4/6	10%
9	Readings Quiz	Individual	4/18	15%
10	Final ASSESSMENT REPORT OR REHAB PLAN	Individual	4/27	15%
Total individual				55%
Total team				45%

Miscellany, but Important

- Attendance is required. It will be important to discuss topics in class and will supplement the readings. Multiple unexplained or unexcused absences are sufficient grounds for failing the course. SPECIAL NOTE: More than three unexcused absences will result in a grade of 'WF' at the Instructor's discretion. Students who leave early without specific permission will be counted as absent.
- All drawings turned in for grade shall be either a copy at 8 ½" X 11", 11" X 17", or a print measuring 24" X 36" when required. No originals will be accepted. Prints and copies will be kept by Instructor. Color drawings for presentations are acceptable, if done on a print and will be returned after being recorded by Instructor by the end of the term. All drawings submitted to Professor shall include complete title information shown in an organized way (per standard title sheets or title sheet on a paper) including name and/or team members, date, and assignment number.
- The honor code of the College of Charleston applies to this course including provisions for cheating and plagiarism.
- There will be no make-up exams or delays in quiz or exam deadlines without an excuse approved by the Dean of Students' office presented in a timely manner. If approved by Instructor ahead of time, delays in handing in drafting assignments will lower grades by 5 points for every class they are late.
- In every instance, communication with the Instructor is essential to coordinate your work. If you send an email, please make sure I acknowledge it as email from the COC computers are frequently infected with viruses. In no case will I be opening attachments. I may not be getting your messages. I also have a mailbox in the Art History Department which I check 3 or 4 times a week.
- Please refer to Departmental handout for copier use.
- Students are responsible for their own equipment. Any items left in drawers or on desks are problematic especially as multiple other courses are using the studios.

INDIVIDUAL DRAFTING EQUIPMENT REQUIREMENTS (not complete, but a good start) This equipment is available from Artist & Craftsman, Office Depot, Charleston Blueprint and in other locations. You should shop for best prices and availability.

1. 25' tape
2. Triangular scales - architectural and engineering
3. 11 X 17 vellum sheets for scaled pencil drawings 1/8" spacing
4. Tracing paper – 24"roll
5. Vellum paper for inking – individual 24" X 36" sheets
6. Eraser – Magic Rub
7. Triangle (preferably adjustable, but 45 degree will do)
8. Compass and simple french curves
9. "Staedler" pigment liner set of 4 – 1, 3, 5, & 7
10. Pencils – 2H, HB, 2B, 4B with sharpener
11. Colored pencils as you may require for field notes (for example red and blue to distinguish initial measurements and field checks)
12. Magic Tape and drafting tape
13. Access to a camera (one per team as noted in schedule)
14. Something to put your stuff in and carry it around (a canvas bag is fine)

EQUIPMENT AVAILABLE FOR CHECKOUT FROM OFFICE

You are responsible for this equipment being returned to the office in good working order. There is a sign out sheet which must be countersigned by the Departmental Secretary or the Professor.

1. 200' tape
2. Laser measuring devise for heights
3. Non-destructive moisture meter
4. Air Temp, RH, light meter, wind speed measurement device
5. Wooden Stakes, nails, nylon string, string levels, carpenter's square, calipers, and moulding gauge
6. Theodolite, tripod and rod
7. Digital Camera (shared usage)
8. AUTOCADD loaded on office computer (Professor's Permission)

DRAFTING STUDIO NOTES

As available in studio, drafting tables, drafting surfaces, parallel bars, benches, lights, and drawing files. You should put your group number and names on what you want use of. Some sharing of desks with other classes will be required. We will try to allow exclusive use of drawing drawers by respective teams. This is unsecured and should not be used to keep irreplaceable or expensive items.

Copies are now monitored more closely and require payment to departmental secretary. These policies are attached to this syllabus. Please review those policies closely.

All teams shall have desk and drawings stored and cleared out of studios by last day of exams. Anything left there shall be subject to disposal. Desks and equipment assigned to individuals shall be checked prior to issuing grades.

SAMPLE DETAIL PROJECTS - specifics to be determined and coordinated with Instructor to avoid duplication. The details are to be important defining features of the building or site. The conservation specification shall reflect the readings and lectures.

Exterior Entry Door & Portico	Doors Schedule	Interior Door types	Exterior Door types
Through Building Section N-S	Through Building Section E-W	Typical Building Section	Door & window schedule
Window types	Roofing Plan & structure	Exterior Walls assessment	Reflected ceiling plans
Case work: Mantle and mouldings	Door & Window hardware details	Interior Stairs	Exterior Stairs
Garden walls	Furnishings	Stucco details	Architectural Character Study

PRELIMINARY SCHEDULE

HISTORIC PRESERVATION STUDIO ARTH 318-001		
1	1/10	<i>Introduction</i> Basic concepts, course objectives, miscellaneous policies Equipment Needs and desk/storage assignments Drafting and text assignments Class Organization and team organization Equipment policies and handouts
2	1/17	<i>Read for class the first half of Burns and scan the HABS handout</i> <i>Reading discussion</i> Discuss drafting techniques and scale issues Discuss field equipment and measurements (per HABS) Discuss dimensioning and field measurement techniques
3	1/24	DRAFTING measurements for PLANS Supervised Drafting in Studio #1
4	1/31	DRAFTING measurements for ELEVATIONS Supervised Drafting in Studio #2
5	2/7	DRAFTING measurements for DETAILS Supervised Drafting in Studio #3
	2/14	➤ Quiz (individual) first half on Burns text, HABS manual, and lectures Work Day
6	2/21	Historic reporting lecture
7	2/28	Work Day
	3/7	Spring Break
8	3/14	Preservation Lecture #1 (first 45 minutes) Historic Structures Planning PHA, ch 14, 17,18, 32, 35 and class handout on structures report Supervised Drafting for Ink techniques #4
9	3/21	Preservation Lecture #2 (first 45 minutes) Exterior Shell PHA, ch 4, 6, and 16 Work day for plans
10	3/28	Preservation Lecture #3 (first 45 minutes) Details PHA, ch 2, 9, 10, 29 Work day for elevations
11	4/4	Preservation Lecture #4 (first 45 minutes) IAQ and technologies PHA, ch 3, 24, 39 Work day for details
	4/11	Work Day (JW OUT OF TOWN) PHA, Historic Finishes ch 1, 21, 22, 23, 28, 34, 37 Review for Quiz
12	4/18	➤ Quiz (individual) first half of class on NPS text and lectures Work Day for Structures Report/Rehab Plan
FINAL	4/27	➤ Final structures report/rehab plan due

Please refer to grading criteria schedule for due dates and times. Note that due dates are typically on Friday at 2:00 PM sharp. This is to allow adequate coordination among team and to get prints through shops.