Spring Semester 2009  
**Syllabus**  
**LAND 4370**  
**Applied Landscape Architecture Construction**  
(3 credit hours)

**Class times:** T/Th 8:00-10:45 am  
**Classroom:** NAPA studio  
**Professor:** Professor Georgia Harrison  
**Office:** 504 Caldwell Hall  
**Phone:** 542-9781 (off)  
**Email:** sgharris@uga.edu  
**Office hours:** M 1:00-3:00; T 1:00-2:45 (or by appointment)

**Prerequisite:** LAND 2320

**COURSE DESCRIPTION**

The course is described in the undergraduate bulletin as follows:  
*Detailing of architectural and planting elements in the landscape with an emphasis on appropriate detailing for sustainability and longevity in urban contexts.*

The course is a continuation of your previous construction classes. The focus is on understanding the materials and methods of construction, especially in the urban environment.

**OBJECTIVES**

**Knowledge:** Upon completion of this course, students with a passing evaluation will have demonstrated an understanding of the following:

- the primary building materials and methods used in designing the outdoor urban environment;
- case studies that demonstrate appropriate scale, craft, aesthetics, environmental impact and user needs.

**Skills:** Upon completion of this course, students with a passing evaluation will have demonstrated the following:

- the ability to analyze and understand urban outdoor spaces. Emphasis is on hardscape construction materials such as paving, walls, stairs, iron, fountains, and lighting.
the ability to communicate design intent in a graphic language appropriate to the building trade.

Values: Upon completion of this course, students with a passing evaluation will have demonstrated the following:

- an appreciation for the craft and workmanship of materials in the outdoor environment.
- an appreciation for the skills necessary to bring order and harmony to the urban landscape.

TOPICS

The following hardscape topics will be studied in depth:

- paving
- freestanding walls
- retaining walls
- steps
- pools/fountains
- ironwork
- urban trees

METHODS

This is a studio format course supplemented with lectures, readings, in-class discussions and field trips. Impromptu pin-up sessions may occur periodically to review work progress. Students are expected to be in studio, working diligently at their desks, the entire time allotted to this class, unless directed otherwise. An essential part of learning derives from the shared experience of working with classmates in a high energy environment. Students are strongly encouraged to continue assigned work in the studio after class hours as well.

Students are expected to keep a sketch journal as a companion to their studio and construction work to help develop observation, notation and sketching skills. Specific sketch exercises will be assigned throughout the semester. Please have sketchbooks available at all times.

Students will have the opportunity to use both hand-drafting and computer drafting skills in this course. Some assignments require hand-drafting, but others offer the option of integrating AutoCAD skills.

MATERIALS

Students will need an 8½ x11” (min.) sketchbook, a 3-ring binder (1 ½” min.) and a measuring tape of 12’ minimum length for fieldwork exercises. Students will also
need basic drafting equipment including, but limited to: parallel bar, triangles, technical pens, felt-tip pens, lead pencils of varying softness (use either a lead pointer or standard wooden pencils - do not use mechanical pencils for either drafting or sketching), various paper types or boards relevant to the project assignments. Please keep a roll of 12” tracing paper at your desk for studio critiques.

READINGS

There is no required text for this course. Readings may be selected from the following books and are recommended for purchase:

Blanc, Alan. *Landscape Construction and Detailing*
Harris and Dines. *Time-Saver Standards for Landscape Construction*
Hopper, Leonard J., ed. *Landscape Architectural Graphic Standards*
Landphair and Klatt. *Landscape Architecture Construction*
Crowe and Laseau. *Visual Notes*
Littlewood, Michael. *Landscape Detailing*
Sorvig and Thompson. *Sustainable Construction Practice*
Walker, Ted. *Site Design and Construction Detailing*

GRADING SYSTEM

Performance will be based on the University system with percentages as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Description</th>
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<tbody>
<tr>
<td>A+</td>
<td>97-100</td>
<td>Work reflects superior design and graphic ability, logically thought and presented. Changes or revisions would be minor.</td>
</tr>
<tr>
<td>A</td>
<td>93-96.9</td>
<td>Work shows a good understanding of the theory and concepts involved in the project, but must be slightly reworked.</td>
</tr>
<tr>
<td>A-</td>
<td>90-92.9</td>
<td>Work indicates a satisfactory understanding and execution of the project. Moderate revisions would be necessary.</td>
</tr>
<tr>
<td>B+</td>
<td>87-89.9</td>
<td>Work is incomplete and demonstrates poor or inconsistent design process and project solution.</td>
</tr>
<tr>
<td>B</td>
<td>83-86.9</td>
<td>Work is unacceptable, generally incomplete and shows a failure to comprehend and present subject matter.</td>
</tr>
<tr>
<td>B-</td>
<td>80-82.9</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>77-79.9</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>73-76.9</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>70-72.9</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>60-69.9</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>59.9 and below</td>
<td></td>
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</tbody>
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Projects and performance are anticipated to receive the following relative weights (subject to minor revision):
Class Participation: 5-10%
Sketchbook: 10%
Notebook: 10%
Small Urban Space: 20%
Streetscape: 10-15%
Planting Design: 20%
Urban Infill: 20%

PROJECTED DEADLINES

The following anticipated deadlines are approximate and subject to change:

- Grading – Small Urban Space: Mon., Feb. 9
- Sketchbook - iron: Fri., Feb. 27
- Details – Streetscape: Fri., March 27
- Planting Plan - Urban Infill: Thurs., April 23
- Notebook: Fri., April 27
- Details – Urban Infill: Fri., April 30
- CD of final work scans to Instructor: Tues., May 5

CLASS STANDARDS

Attendance: Attendance is mandatory. Missed class time results in missed opportunity for learning and growth. Each and every unexcused absence from class will impact a student’s grade in class participation. More than three unexcused absences, prior to the withdraw date, will result in a student being automatically dropped from the class roll. More than 5 unexcused absences, throughout the term, will automatically result in a grade reduction of one letter grade. Each additional 3 absences will result in a further letter grade reduction. Lateness to class in excess of 15 minutes from start time will be considered an unexcused absence. An excused absence may be granted with a signed medical excuse from a physician. Please do not test the teacher’s patience with forgeries or inadequate and lengthy excuses. Please avoid scheduling doctor appointments during class time. Appointments not related to a current and unavoidable illness will not form the basis of an excused absence.

Conduct: It is the University’s stated policy that students are expected to attend classes regularly, and that students who incur an excessive number of absences may be withdrawn from the class at the discretion of the instructor at any time. Daily attendance will be taken for this class. Experience indicates that class attendance and participation are directly reflected in a student’s grades. Class lectures and presentations will not be repeated. Students are responsible for obtaining information on all missed assignments and handouts from other students.

Due dates and deadlines: Assignments must be submitted on the stated due date, time and place. If work is not submitted at the time specified by the instructor, the grade will be reduced one letter grade per day. After four days, the project grade will be an F. Work
missed due to illness is required to be submitted no later than one week from the student’s return to class. Other situations will be dealt with on a case by case basis between the student and the instructor outside of class time, and arrangements will be made in writing, signed by both the student and instructor. Please do not attempt to discuss late work or absences at the beginning of a class period.

Grades: If a student wishes to protest a grade assigned to a project, the request must be made in writing and submitted to the instructor. No discussion of such grades will occur during class periods.

During class times and until 5:00 pm there will be no music played in the studio and no use of tobacco of any kind. Please observe common courtesy and good judgment when working in the studio at all times. Smoking in classrooms and alcohol use on state property are banned by state law.

All students are responsible for knowing the University’s policy on academic honesty. All academic work submitted in this course must be your own unless you have received the instructor’s permission to collaborate and have properly acknowledged receiving assistance. It is the instructor’s responsibility to uphold the University’s academic honesty policy and report any suspicions of dishonesty to the Office of the Vice President for Instruction.

Students who know or suspect that they have any type of learning disability must inform the instructor of such disability in writing before the third class meeting. The instructor will work with the University Counseling and Testing Center to accommodate the needs of such students. Without such notification, no special accommodations will be considered at any later date. Students with documented learning disabilities are served by the Learning Disabilities Center in Aderhold Hall (542-4589).

Documentation: Students will be asked to submit scans of some or all semester work to the instructor on CD at the end of the semester in order to obtain a course grade. Clarification of exact expectations and format will be given at the end of the semester. Some original work may be kept by the instructor after the completion of the course for accreditation and documentation purposes. All work produced in classes is the property of the University of Georgia.