THE UNIVERSITY OF GEORGIA
SCHOOL OF ENVIRONMENTAL DESIGN
LAND 3440
Planting Design I (3 credit hours)
Fall Semester 2009
Syllabus

Class times: T/Th 8:00-10:45
Classroom: Room 510 Caldwell Hall
Professor: Brad E. Davis
Office: 409 Caldwell Hall
Phone: 706-542-5194
Email: bdavis@uga.edu
Office hours: MWF 9:00 – 11:00 AM; Tues./Thurs. 11-12 AM, (or by appointment)

Prerequisite: LAND 2020
Corequisite: LAND 3410

READINGS

Required texts: Halfacre and Shawcroft. Landscape Plants of the Southeast
Dirr, Michael. Dirr’s Hardy Trees and Shrubs An Illustrated Encyclopedia

Recommended: Dirr, Michael. Dirr’s Trees and Shrubs for Warm Climates An Illustrated Encyclopedia

Dirr, Michael The Interactive-Manual and Photo-Library of Woody Landscape Plants (DVD)
(available on-line from varsity-press.com; look for student rate)

Cooperative Extension Landscape Plant Materials for Georgia Service
(print from pubs.caes.uga.edu/caespubs/horticulture/Factsheet.html)

Books for reference: Austin, Richard L. Designing with Plants
Boisset, Caroline The Plant Growth Planner
Booth, Norman Basic Elements of Landscape Architectural Design
Booth Residential Landscape Design
Brookes, John Natural Landscapes
Gruffydd, BodFam Tree Form, Size and Color
*Leszcynski, Nancy Planting the Landscape
Lin, Mike Drawing and Designing with Confidence
Martin and Melby Home Landscapes-Planting Design and Management
COURSE DESCRIPTION

Analysis of plant elements and forms. Emphasis on plant function in landscape composition. Basic problems in planting design of small scale areas with emphasis on orientation, arrangement and human needs.

OBJECTIVES

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

- an understanding of the theory of planting design including spatial concepts, ecological principles, scale relationships, plant and design arrangements, maintenance considerations and plant size and spacing for small scale projects;
- the ability to depict knowledge of the above graphically.

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

- the ability to develop a planting plan that solves the functional requirements of the site and the design program, is compatible with the growing conditions of the site and demonstrates an understanding and an appreciation of design principles and elements via the selection and arrangement of plant materials;
- the ability to graphically develop a planting plan that includes the necessary components, while understanding methodologies of presentation and construction graphic techniques;
- the ability to verbally communicate the design process as it relates to planting design.

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

- an understanding of how environmental factors, functional considerations and physical plant characteristics affect plant selection;
- an appreciation for plants as functional elements in the landscape.

Service: Upon completion of this course, students with a passing evaluation will have demonstrated an understanding of the concepts of service learning and the importance of
civic engagement in the professional life of a landscape architect. Service Learning is defined as a course-based, credit bearing educational experience in which students participate in an organized activity that meets identified community needs, and reflect on the service activity in such a way as to gain a fuller appreciation of the discipline, and an enhanced sense of personal values and civic responsibility. –Bringle, R., & Hatcher, J. (1995). A service-learning curriculum for faculty. Michigan Journal of Community Service Learning, 2, pp. 112-122.)

Goals:

- Understand community and community partnerships
- Increase learning through hands on application
- Think reflectively
- Practice civic responsibility

This semester we will work on the continued development of the learning garden at Whitehead Elementary School in Clark County. You will be expected to help educate the children at Whitehead on planting a fall vegetable garden while practicing the art and science of proper planting techniques. We will reflect on our activities at Whitehead, most likely in the form of writing and photography.

TOPICS

Topics that will be covered in lectures, readings, field trips and assignments include:

- Plant forms
- Layering
- Design vocabulary
- Illustrative graphics
- Color, form, texture
- Historic precedents
- Contemporary case studies
- Site inventory, analysis, synthesis
- Plant selection
- Client relationships
- Locating plants
- Plant communities
- Construction graphics
- Planting details
- Phasing
- Cost estimating

METHODS

This is a studio format course including 1 to 2 hours of lecture per week. A notebook is suggested to include class notes, powerpoint lectures, quizzes, assigned sketches, and short exercises as announced in class. Short assignments, field trips and outside reading assignments will be integral to the studio work. Quizzes, assigned papers and pop tests may be used to emphasize important concepts to be gained from readings and lectures.

Studio time and all other class activities will emphasize design considerations as well as environmental and technical factors regarding small scale planting design projects. Lectures/projects will focus on the principles of design, the elements of planting design,
program considerations, environmental factors, technical aspects pertaining to planting
design, as well as the process of inventory, synthesis and analysis.

Studio emphasis will include the use of sketch and overlay methods as the primary design
approach. Some drawings will be prepared by hand-drawing. AutoCAD will be
integrated into the construction document phase (final project) of this class. LandCADD
is available for purchase and is recommended as an aid in planting plans and schedules.

MATERIALS

Sketchbook/Notebook: 1 ½" (min.) binder (3-ring)

Project assignments: vellum
   black ink drafting pens – at least 4 line weights
   color markers
   drafting pencils (HB and B leads)
   24” and 12” trash

GRADING SYSTEM

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

A+ = 97-100  Work reflects superior design and graphic ability, logically thought
A   = 93-96.9 and presented. Changes or revisions would be minor.
A- = 90-92.9

B+ = 87-89.9  Work shows a good understanding of the theory and concepts
B   = 83-86.9 involved in the project, but must be slightly reworked.
B- = 80-82.9

C+ = 77-79.9  Work indicates a satisfactory understanding and execution of the
C   = 73-76.9 project. Moderate revisions would be necessary.
C-  = 70-72.9

D   = 60-69.9  Work is incomplete and demonstrates poor or inconsistent design
F   = 59.9 and below process and project solution.

Projects and performance are anticipated to receive the following relative weights
(subject to revision):

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Participation/Attendance/Professionalism/Container/Quizzes:</td>
<td>15%</td>
</tr>
<tr>
<td>School Garden Implementation</td>
<td>5%</td>
</tr>
<tr>
<td>The Planter Bed</td>
<td>15%</td>
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</tbody>
</table>
Music Project Model and Plan: 25%
The Bamboo Farm Design and CD’s 40%

PROJECTED SCHEDULE AND DEADLINES

The following event dates and anticipated deadlines are approximate and subject to change:

Class Introduction: Tues., Aug. 18
Lecture, Sketching: Thurs., Aug. 20
Lecture, Plant Combinations Walk, Sketching: Tues., Aug. 25
Lecture, Sketching, begin Containers: Thurs., Aug. 27
Lecture, desk crits: Tues., Sept. 1

Containers Due: Thurs., Sept. 3
School Garden Implementation: Tues., Sept. 8
Begin 40’ Planter: Thurs., Sept. 10

Augusta field trip (?): Tues., Sept. 15
Work day, desk crits: Thurs., Sept. 17
Work day, desk crits: Tues., Sept. 22

40’ Planter Due, Begin Music: Thurs., Sept. 24
Work day, desk crits: Tues., Sept. 29
Work day, Music analysis pin-up: Thurs., Oct. 1

Music Models Due: Tues., Oct. 6
Work Day, desk crits: Thurs., Oct. 8

Music Illustrative Plans Due: Thurs., Oct. 15
Bamboo Farm Visit: Tues., Oct. 20
Begin analysis, concept: Thurs., Oct. 22
Analysis and concept pin-up: Tues., Oct. 27
Illustrative Plans: Thurs., Oct. 29

Bamboo Illustrative Plans Due: Tues., Nov. 3
Begin CD’s: Thurs., Nov. 5
Work Day, desk crits: Tues., Nov. 10
Work Day, desk crits: Thurs., Nov. 12
Work Day, desk crits: Tues., Nov. 17

CD’s due: Thurs., Nov. 19
Thanksgiving Break: Tuesday, Dec. 8, 8:00 – 11:00 AM

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, valued at 10% of the final grade. More than three unexcused absences, prior to the withdrawal date, will
automatically result in a student being dropped from the class roll. More than 5 unexcused absences will result in a final grade reduction of one letter grade. Each additional 3 absences will result in a further letter final grade reduction. If grade reductions and excessive absences have resulted in the students’ inability to successfully complete the course material to a minimum passing competence, the student will be dropped from the class role at the discretion of the instructor, at any time during the semester.

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.

Due dates and deadlines: Assignments must be submitted on the stated due date, time and place. If work is not submitted as specified by the instructor, the grade will be reduced one letter grade. After three 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 you wish to protest the 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.**

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.** 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.**

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).

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 my permission to collaborate and have properly acknowledged receiving assistance. It is
my responsibility to uphold the University’s academic honesty policy and report my suspicions of dishonesty to the Office of the Vice President for Instruction.

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.

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.