

LA 1223 COMPUTERS IN LANDSCAPE ARCHITECTURE

SPRING 2008

Mississippi State University
Time 3:00 to 5:50 p.m. Tuesday and Thursday
Landscape Architecture B100

Instructor: Fulford
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Office: C 112
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Office Hours: Monday 9:00-10:30
Wednesday 9:00-10:30

Course Syllabus

Catalog Description:

One hour lecture. Four hours studio/lab. A review of computer technology and its application to be the practice of Landscape Architecture.

Course Goal:

- To provide students with the opportunity to gain a working understanding of computer software used within the Landscape Architecture Profession.

Course Objectives:

Upon satisfactory completion of LA 1223, students will:

1. demonstrate intermediate Autocad drawing skills
2. demonstrate intermediate Photoshop skills
3. demonstrate intermediate Sketch-up skills
4. demonstrate knowledge of a process of design and planning using software to explore various solutions to design problems
5. demonstrate knowledge of integrating output from each software package into a final presentation set
6. Have Fun

Course Format:

Course will contain a series of small projects derived from readings from textbooks, video tutorials, handouts, etc., as well as three larger projects that will explore the student's ability to utilize all software to construct drawings and integrate these drawings into final presentation quality products. Quizzes will be used to confirm students are reading required material.

Class Meeting Times:

LA 1223-01, Tuesday and Thursday 3:00-5:50

Student Obligations and Expectations:

1. Attendance is required. Roll will be taken and submitted with grades.
2. Due dates are expected to be complied with. Grades will be deducted for late projects at the rate of one letter grade for each working day.
3. Academic misconduct (AOP12.07) is any activity that may compromise the academic integrity of the University. All work submitted in this course must be that of the student enrolled. Any occurrences of academic misconduct will be dealt with in accordance with guidelines and procedures outlined in the Academic Misconduct Policy, which may be accessed on the web at: <http://students.msstate.edu/honorcode/>

Required Texts:

- Adobe Photoshop CS3 – Classroom in a Book, Adobe Press
- Google Sketchup for Dummies, Chopra, Aidan
 1. Recommended reference - SketchUp 6 User Guide <http://www.sketchup.com/?section=training>
- Introduction to Autocad 2007; Richard and Fitzgerald ISBN: 0-13-228343-3

Resources

www.sketchup.com

www.sketchucation.com

<http://forums.cadalyst.com> - there are several forums here to choose from “cad questions” will be a good starting point.

<http://students5.autodesk.com/?lbon=1>

<http://discussion.autodesk.com/index2.jspx?categoryID=8>

www.adobe.com/support/forums/ - Register to be able to ask questions about Photoshop and Image Ready.

<http://www.photoshopforums.com/>

Materials, Supplies, and Computer:

Every student is required by the Department of Landscape Architecture to have a computer. The department's computer policy and performance standards can be viewed via the web at <http://www.lalc.msstate.edu/prosp/computer/>

- **SketchUp 6** can be downloaded from www.sketchup.com.
**For Sketchup you will need to download the SKETCHUP GOOGLE PLUGIN and the following components: Architecture, Landscape Architecture, People, Symbols, and Transportation. These are all located in the download section of www.sketchup.com.
- **Google Earth** <http://earth.google.com/>
- **A copy of Autocad 2007 or 2008.**
- **Photoshop CS3**

Link here for software

<https://elms09.e-academy.com/msstate/index.cfm?loc=estore/Search&parentID=1>

Assessment:

Each student will be graded on a series of weekly problems, quizzes, as well as three comprehensive projects integrating software outputs:

Course Deliverables: All weekly Sketchup and Photoshop projects will be turned in as high resolution jpgs unless otherwise noted. Autocad drawings may be turned in as 2007 dwg files. Larger projects will require presentation size drawings and 11x17 color booklet.

Students will email in weekly projects with their Net ID number and week in the subject line. (ex. ctf23_wk05)

Homework	25%
Design Week	5 %
Quizzes	20%
Project 1	15%
Project 2	15%
Project 3	20%

Accuracy, completeness, high quality, and professionalism are important in all work submitted.

The following grading scale will be used:

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| A = 90-100% | Excellent work: All components of a project, quiz or other assignments are completed, turned in on time, and clearly demonstrate extra effort that results in a superior end product. |
| B = 80-89% | Good work: Above average in all or most every component of a project, quiz or other assignments, but with some area of deficiency or lacking clear evidence of extra effort that separate it from Excellent or "A" work. |
| C = 70-79% | Average work: All aspects of a project, quiz or other assignments are complete, but are average in detail, solution, scope, presentation, completeness of answer, etc. |
| D = 60-69% | Below average work: Inferior-passing, but not acceptable as satisfactory for degree requirements for students enrolled in Landscape Architecture or Landscape Contracting as their major. |
| F = 0-59% | Failure: Work is incomplete, perhaps a poor solution, possibly very late, little evidence of work effort, answers are incorrect or incomplete, etc. |