

## SYLLABUS – FALL 2018

### LAND 3130: COMPUTER APPLICATION IN LANDSCAPE ARCHITECTURE (4 credits)

Excluding materials for purchase, syllabus information may be subject to change. The most up-to-date syllabus is located within the course in HuskyCT.

#### Course and Instructor Information

<b>Course Title:</b>	3130 Computer Application in Landscape Architecture
<b>Credits:</b>	4
<b>Day and Time:</b>	MWF 10:10 – 12:00
<b>Instructor:</b>	Sungmin Lee, Ph.D.
<b>Office:</b>	WB Young 113
<b>Office Hour:</b>	Thursday 14:00 – 16:00 or by appointment
<b>Phone:</b>	486-0892
<b>Email:</b>	<a href="mailto:sungminlee@uconn.edu">sungminlee@uconn.edu</a>
<b>Website:</b>	<a href="https://wmplantory.wixsite.com/slee">https://wmplantory.wixsite.com/slee</a>

#### Course Description

Graphics are the essential language of design and planning in Landscape Architecture. Visual communication, like a verbal or written communication, relies on the ability to develop ideas and to deliver them.

This course introduces the students to techniques of digital graphics tools, including Adobe products including AutoCAD, InDesign, Photoshop, and Illustrator, Sketch Up. Not only will this course develop the student's digital graphics skills, but it also will help students to find and improve their own graphic styles.

Through a series of exercises and projects, students will understand basic concepts and principles of graphic language in digital communication. The course will also help students learn how to produce high quality visual, oral, and written presentations of landscape design ideas.

#### Course Objectives

- To gain an understanding of graphic composition elements, concepts, and principles (legibility, consistency, color, contrast, framing, hierarchy, highlight, etc.) needed for **sophisticated digital communication**
- To develop techniques of **digital graphics tools** in both 2D and 3D (AutoCAD, InDesign, Photoshop, and Illustrator, Sketch Up)
- To become familiar with **digital formats** (plan, section, elevation, perspective, diagram layout) essential for success in landscape design profession
- To gain an understanding of **diverse graphic styles** in the contemporary landscape architects

#### Course Format

The class meets MWF 10:10 – 12:05. Typically we will have:

Lectures/ Presentations: 10:10 – 11:00

Lab Sessions/ Desk Critics: 11:10 – 12:00

## Course Outline (and Calendar if Applicable)

### **Week 1 – Getting started & AutoCAD I**

27-Aug (M)	Course Introduction Check on computers 1 <sup>st</sup> Day Class survey	Assignment #1 (Graphic Style) by 31-Aug
29-Aug (W)	AutoCAD Overview (Interface)	
31-Aug (F)	Presentation of Graphic Style by Students AutoCAD I Drawing	

### **Week 2 – AutoCAD I**

3-Sep (M)	<b>No Class</b> – Labor Day	
5-Sep (W)	<b>1<sup>st</sup> Project Site Visit (Mansfield Town Square)</b>	<b>Start of 1<sup>st</sup> Project</b>
7-Sep (F)	AutoCAD I Editing	Exercise #1 (2D drawing) by 17-Sep

### **Week 3 - AutoCAD I & SketchUp I**

10-Sep (M)	AutoCAD I Layering Individual Critics (2D Drawing)	
12-Sep (W)	AutoCAD I Add Text Individual Critics (2D Drawing)	
14-Sep (F)	SketchUp Overview & Import from AutoCad	

### **Week 4 - SketchUp I**

17-Sep (M)	SketchUp I Drawing Individual Critics (3D Modeling)	Exercise #2 (3D modeling) by 21-Sep & by 28-Sep
19-Sep (W)	SketchUp I Contour & Slope Individual Critics (3D Modeling)	
21-Sep (F)	SketchUp I Advanced Tool Class Review (3D Modeling)	

### **Week 5 - SketchUp II**

24-Sep (M)	Lecture Topic #1 – Design Principle	Assignment #2 (Reading- Design Principle) by 1-Oct
26-Sep (W)	SketchUp I View	
28-Sep (F)	Class Review (View)	

### **Week 6 – Photoshop I**

1-Oct (M)	Photoshop I Interface Individual Critics (Perspective)	Exercise #3 (Perspective) by 8-Oct
3-Oct (W)	Photoshop I Layering Individual Critics (Perspective)	
5-Oct (F)	Photoshop I Color and Adjustment Class Review (Perspective)	

### **Week 7 – Illustrator I**

8-Oct (M)	Illustrator I Interface Individual Critics (Diagram)	Exercise #4 (Diagram & Layout) by 15-Oct
10-Oct (W)	Illustrator I Drawing Individual Critics (Diagram)	
12-Oct (F)	Illustrator I Transforming Shapes	

### **Week 8 – Review**

15-Oct (M)	<b>1<sup>st</sup> project review</b>	
17-Oct (W)	Lecture Topic #2 – Graphic Style in Contemporary Landscape Architects	Assignment #3 (Research – Graphic Style) by 22-Oct
19-Oct (F)	Individual Critics	

### **Week 9 – Lumion Rendering (TBD)**

22-Oct (M)	<b>Presentation of Selected Project</b>
24-Oct (W)	Lumion
26-Oct (F)	Lumion

**Start of 2<sup>nd</sup> Project**

### **Week 10 – Photoshop II**

29-Oct (M)	Photoshop II Advanced Tools
31-Oct (W)	Photoshop II Animation
2-Nov (F)	Individual Desk Critics

### **Week 11 – Illustrator II**

5-Nov (M)	Illustrator II Advanced Tools
7-Nov (W)	Illustrator II Layout
9-Nov (F)	Individual Desk Critics

### **Week 12 – InDesign**

12-Nov (M)	Lecture Topic #3 – Portfolio
14-Nov (W)	InDesign – Layout Organization
16-Nov (F)	Individual Desk Critics

### **Week 13 – Thanksgiving Break**

### **Week 14 – Presentation Skills**

26-Nov (M)	PowerPoint – Advanced Skills
28-Nov (W)	Individual Desk Critics
30-Nov (F)	Individual Desk Critics

### **Week 15 – Final Review**

3-Dec (M)	Draft Presentation Individual Desk Critics
5-Dec (W)	<b>Final Presentation</b>
7-Dec (D)	Submit Final Presentation & Portfolio

## **Teaching Methods & Student Responsibilities**

**Projects and Exercises:** The course will be taught primarily through design projects. First project will be delivered in the beginning of the class. Second project will be chosen by each student depending on their interest in graphics of contemporary landscape projects. Short individual exercises are typically expected to be completed within a 1 week. Formal presentation and submission of the material will be required.

**Lectures and Assignments:** Lectures relevant to each project/exercise will be given at the beginning of and/or during the project. These lectures will be combined with discussions of reading assignments and relevant topics/issues.

Students of LAND3130 should expect to spend 11 hours or more a week (including 3 hours in lab class) in order to successfully complete course assignments. Never expect that scheduled class time is adequate to finish all the course assignments. All students in LAND3130 are required to do the following:

Attend all classes. Attendance is mandatory. Absences due to health-related problems, emergency situations, or mandatory participation in University-sanctioned activities will be excused, provided that written proof is presented to the instructors within one week.

Be adequately prepared for instructor's desk critiques and class discussion. Learning design is not a passive activity and will require considerable effort and reflection for success.  
Actively participate in class or group discussions. Students are strongly encouraged to discuss and provide critique of one another's work both during and outside of class periods.  
Complete course assignments independently, or make individual contributions to team efforts, and submit all assignments on schedule.  
Communicate with the instructor proactively and inform her of any concerns, questions, or suggestions you may have for the class in a timely manner.  
Submit all assigned work in both digital and hard copy formats (unless otherwise instructed for each assignment/project) for final evaluations.

**SUBMISSION REQUIREMENTS:** For e-submissions (digital file submissions), students should upload the file(s) to the Google Drive (You will be invited via your University email) at least 1 hours before the starting time of the class on the due date, unless specified otherwise. All files should be named as "LAND3130\_assignment1\_last name.pdf," using the assignment name and your last name. All hard-copy submissions are due on the time specified in the assignment/project handout.

**Course Grading Policy**

**Assessment and Grading:**

Meeting all student responsibilities listed above is mandatory for this class. The final grade is determined by the following components:

- Assignments ----- 15%
- Project 1/Exercises ----- 35%
- Project 2 ----- 35%
- Instructor Evaluations ----- 15%
  - Classroom involvement (discussions, group reviews, etc.) 10%
  - Overall improvement 5%

In order to be considered for continuing on as a landscape architecture major, a grade of 'B-' or better in this course is required. Candidates must demonstrate that they have gone beyond the minimum level of competency and a commitment to work hard in the studio environment.

**Grading Scale:**

Undergrad

Grade	Letter Grade	GPA
93-100	A	4
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1
60-62	D-	0.7
<60	F	0

## Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. This section provides a brief overview to important standards, policies and resources.

You must officially drop a course to avoid receiving an "F" on your permanent transcript. Simply discontinuing class or informing the instructor you want to drop does not constitute an official drop of the course. For more information, refer to the:

- [Undergraduate Catalog](#)
- [Graduate Catalog](#)

### Academic Calendar

The University's [Academic Calendar](#) contains important semester dates.

### Academic Support Resources

[Technology and Academic Help](#) provides a guide to technical and academic assistance.

### Students with Disabilities

Students needing special accommodations should work with the University's [Center for Students with Disabilities \(CSD\)](#). You may contact CSD by calling (860) 486-2020 or by emailing [csd@uconn.edu](mailto:csd@uconn.edu). If your request for accommodation is approved, CSD will send an accommodation letter directly to your instructor(s) so that special arrangements can be made. (Note: Student requests for accommodation must be filed each semester.)

Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government." (Retrieved March 24, 2013 from <http://www.blackboard.com/platforms/learn/resources/accessibility.aspx>)

## Evaluation of the Course

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the [Office of Institutional Research and Effectiveness \(OIRE\)](#).

Additional informal formative surveys may also be administered within the course as an optional evaluation tool.