

## LAA 3350 : SITE DESIGN AND PLANNING STUDIO (5 credit hours)

**Class Time:** MWF 1:55 – 4:55 PM Architecture 322

**Instructor:** Yi Luo, PhD, PLA  
Office Hours:  
Office:  
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Phone:

### I. COURSE DESCRIPTION

*"Site Design is the art of arranging the external physical environment to support human behavior. It lies along the boundaries of architecture, engineering, landscape architecture and city planning, and it is practiced by members of all these professions. Site plans locate structures and activities in three-dimensional space and when appropriate, in time...no important element can be changed without widespread effects. The site is not simply a collection of buildings and streets but a system of structures, surfaces, spaces, living things, climates and details."*

Kevin Lynch

This course will provide students the opportunity to apply **basic** site design principles on small-scale projects.

### II. GOALS AND OBJECTIVES

The goal of this course is to provide an understanding of site design and planning within a framework of environmental analysis and user analysis.

Upon completion of this course, each student with a passing grade will:

1. Demonstrate an operational understanding of an evidence-based and evidence-generating design process, at all phases, as it is applied to the execution of basic land development projects.
2. Demonstrate the ability to independently execute a basic land design project in which programming, schematic design, and design communication are integral components of service delivery.
3. Demonstrate an understanding of basic site design and planning principles.
4. Demonstrate an understanding of site circulation issues, including pedestrian, bicycle and motorized vehicles.
5. Understand landscape performance and demonstrate an ability to use landscape performance to guide decision makings.
6. Demonstrate the ability to utilize CAD for basic design development.
7. Demonstrate an ability to express design ideas in written, oral and graphic formats appropriate to the requirements of knowledge-based landscape design.

### III. COURSE POLICIES

This course will involve a series of lectures, assignments, in-class exercises, exams, projects, and field trips. Projects will be handled as if it might be by a design firm. When possible, a Service Learning component or project will be incorporated into the class. Team work and independent work might be anticipated at different phases of a project.

#### Minimum Grade Required

A minimum grade of C is mandatory. Any grade lower than C means the course must be retaken to achieve a C or higher. Enrollment in LAA 3351C cannot take place until a grade of C is achieved in LAA 3350C. A student may only take the course over once. If on the second attempt a C or better is not earned, the student will be dropped from the program.

#### Materials

Drafting/Drawing Equipment including a 12, 18 or 24 inch roll of tracing paper, aka trash.  
Computer with CAD software  
Rendering materials

#### Mandatory Field Trip

A mandatory field trip is part of the curriculum of this course. All students will be fortunate enough to visit the Portland metropolitan area to view outstanding works of landscape architecture, to observe the pattern and character of urban development and to visit offices engaged in a wide variety of landscape architectural practice.

#### Class Attendance and Participation

- The studio meets three times a week on Monday, Wednesday and Friday from 1:55 pm – 4:55 pm). Attendance is mandatory. **Two unexcused absences** are permitted. Each additional absence will lower the student's grade 2%. Students are requested to contact the instructor via e-mail prior to the class they will be missing.
- Timely completion of all project requirements is expected. Late work will be penalized 5% per day. Students are required to turn in digital copies of their work. Failure to do so will result in an incomplete grade for the course.
- This is a studio-based course which means verbal participation is also required. Students must participate in class discussions, reading discussions, and critical review discussions.

#### Class Demeanor

- Studios are public places. The studio doors are locked, however, it is also suggested that you store any valuables under lock or bring them home with you.
- Cell phones must be turned off during class.
- Please respect other students work. Due to tight quarters, it is especially important to keep your space and common spaces clean. Also be mindful and respectful of playing music and other audio outputs.
- Many classes will include "desk crits" at each student's desk. It is expected that your desk be orderly and you have a scale, and a roll of trace available when the instructor arrives at your desk.

## Shop

Shop hours are 9:00 AM – 10:00 PM. All students are required to complete a shop orientation program. No power tools or spray paint, or the use of any other sort of aerosol spray, are allowed in the Architectural Building except for the spray booth found in Room 211 of Fine Arts C. Students found in violation of this policy will be referred to the Dean of Student Services for disciplinary action.

## Submission of Student Work

All student work may be retained and used by the Department of Landscape Architecture. Digital copies of student work for this course must be turned in at the completion of each assignment. No grades will be computed into the final course grade until digital submissions have been turned in as requested. Please follow the directions given by the instructor as to how they will be submitted (Canvas, CD, PDF, word file, etc.). In cases of 3-D models, digital JPG photographs should be submitted.

All files must be named as follows:

(Course#Name)(Project+Description)(Student-Lastname).(jpg)

Example:

2360PrincLADiagPlnWeesner.jpg

4ch 8ch 8ch 6ch (ch = letter characters)

- Use CAPS for Separation
- Save images in JPG format at a maximum 200 resolution
- \*No spaces, hyphens, or underscoring\*
- Drawings submitted incorrectly or in an incorrect file format will be rejected and you will need to resubmit.

## CRITERIA FOR EVALUATING STUDENT PERFORMANCE

Evaluation of student progress will be based on individual participation in the studio, interaction with counterparts on design teams, the active search for design information and design solutions, the quality of design solutions, and the quality of research reporting, design communication, and presentation drawings. All work will be weighted by the number of class days devoted to that activity with the final overall calculation of components as follows:

Exercises	15%
Project 1	20%
Project 2	20%
Project 3	30%
Fieldtrip Assignment	5%
Class Participation During Reviews	10%

## IV. TEXT, SOFTWARE AND OTHER RESOURCES

### Required

TIME-SAVER STANDARDS FOR LANDSCAPE ARCHITECTURE, CHARLES H. HARRIS AND NICHOLAS DINES, 2nd Edition, McGraw Hill, ISBN: 0070170274

**Recommended**

Design Resources

1. Booth, Norman - Basic Elements of Landscape Architectural Design
2. Ching, Frank – Architecture: Form, Space, & Order
3. Deasy, C. – Designing Places for People
4. Dines, Nicholas & Charles Harris – Time-Saver Standards for Landscape Architecture
5. Eckbo, Garrett – Landscape for Living
6. Elam, Kimberly – Geometry of Design: Studies in Proportion and Composition
7. Kasprisin, Ron – Urban Design: the Composition of Complexity
8. Lydall, Sutherland – Designing the New Landscape
9. Marcus, Clare Cooper & Carolyn Francis – People Places
10. McHarg, Ian – Design with Nature
11. Motloch, John - Introduction to Landscape Architecture
12. Olin, Laurie – Transformation the Common Place
13. Reid, Grant – From Concept to Form in Landscape Design
14. Simonds, J.O. – Landscape Architecture
15. Waldheim, Charles – The Landscape Urbanism Reader
16. Reid G.W. - From Concept to Form in Landscape Design
17. Whyte, W. H. - Social life of small urban spaces.

Drawing Resources

1. Burden, Ernest – Entourage: A Tracing File for Architecture & Interior Design Drawing
2. Ching, Frank – Architectural Graphics
3. Doyle, Michael E. – Color Drawing
4. Evans, Larry – The New Complete Illustration Guide
5. Lin, Mike – Drawing and Designing with Confidence
6. Turner, James R. – Drawing with Confidence
7. Reid, Grant – Landscape Graphics – Plan, Section, & Perspective Drawing of Landscape Spaces
8. Sullivan, Chip – Drawing the Landscape
9. Walker, Theodore – Plan Graphics
10. Walker, Theodore - Perspectives
11. Wang, Thomas C. – Pencil Sketching

**V. UF POLICIES**

**Grading**

*Grading will adhere to the University of Florida Grade Policy:*

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

For greater detail, see the Registrar's Grade Policy regulations at  
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

### Student Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester.

### Academic Honesty

The University requires all members of its community to be honest in all endeavors. When students enroll at UF they commit themselves to honesty and integrity. The faculty of Landscape Architecture fully expects you to adhere to the academic honesty guidelines you signed when you were admitted to UF. In completing the registration form at the University of Florida, every student has signed the following statement:

*"I understand the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."*

Furthermore, on work submitted for credit by all UF students, the following pledge is either required or implied:

*"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is to be assumed that all work will be completed independently unless the assignment is defined as a group project by the professor. This does not mean that students cannot help one another in learning material, but all work that is turned in must be independent work of that individual.

Misrepresentation or plagiarism, such as claiming another's work to be one's own, refers to graphic, images, and design work as well as written work. Submitting work from one course to fulfill the requirements of another (unless expressly allowed by the instructor) is also misrepresentation.

The University Honor Code and the Department of Landscape Architecture Academic Honesty Policy are to be followed to the letter. Any students found to have cheated, plagiarized, or otherwise violated the Honor Code in any assignment will be punished according to the severity of the act and may be referred to the Honor Court. It is each student's responsibility to report any infraction, and it is expected that each faculty will report all infractions as well.

For more information, see <http://www.chem.ufl.edu/~itl/honor.html> and the Department of Landscape Architecture Academic Honesty Policy.

### Netiquette: Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. or a description of what is expected and what will occur as a result of improper behavior see <http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf>.

### **Religious Holidays**

The university calendar does not include observance of any religious holidays. The Florida Board of Governors and state law govern university policy regarding observance of religious holidays. Students shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith with prior notification to the instructor. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

### **University's Syllabus Policy**

The University's complete Syllabus Policy can be found at: [http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi\\_policy.pdf](http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf)

### **Evaluation of Faculty**

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

## **VI. GETTING HELP**

For issues with technical difficulties for E-learning in Canvas, please contact the UF Help Desk at:

- [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu)
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for:

- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

### **Counseling and Wellness Resources**

Students experiencing crisis or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling and Wellness

Center provides confidential counseling services at no cost for currently enrolled students. It is located on Radio Road. For further information on services and how to make an appointment, call the Counseling Center at 392-1575. See the following web site for additional resources:

<http://www.counseling.ufl.edu/cwc/>

## VII. COURSE SCHEDULE

STATUS	WEEK	DAY	DATE	TOPIC	IN-CLASS ACTIVITY
C	1	W	8/22	Introduction/ Studio Set-Up	
TBC		F	8/24		Ex 1
TBC	2	M	8/27		Ex 2
TBC		W	8/29		
TBC		F	8/31	[Assign: Project 1]	P1 - Inventory and Programming
C		M	9/3	Labor Day	
TBC	3	W	9/5	Case Study	P1 – Case Study
TBC		F	9/7	Student Presentation: Inventory/Case Study	P1 – Site Analysis
TBC		M	9/10		P1 – Conceptual
TBC	4	W	9/12		P1 – Conceptual
TBC		F	9/14		P1 – Schematic
TBC		M	9/17	Field Trip	
TBC	W	9/19			
TBC	F	9/21			
TBC	6	M	9/24		P1 – Schematic
TBC		W	9/26		P1 – Final graphics
TBC		F	9/28		P1 – Final graphics
TBC	7	M	10/1	Project 1 Presentation	
TBC		W	10/3	[Assign: Project 2]	P2 – Inventory and Programming
TBC		F	10/5	Site Visit	
TBC	8	M	10/8	Student Presentation: Inventory/Case Study	P2 – Site Analysis
TBC		W	10/10		P2 - Conceptual
TBC		F	10/12	Conceptual Design Review	
TBC	9	M	10/15		P2 - Schematic
TBC		W	10/17		P2 – Schematic
TBC		F	10/19		
TBC	10	M	10/22		P2 – Final graphics
TBC		W	10/24		P2 – Final graphics
TBC		F	10/26	Project 2 presentation	
TBC	11	M	10/29	Assign: Project 3	P3 – Inventory and Programming
TBC		W	10/31		P3 – Case study
TBC		F	11/2	Site Visit	
TBC	12	M	11/5	Student presentation: Inventory/Case Study	P3 – Site analysis
TBC		W	11/7		P3 – Conceptual
TBC		F	11/9		P3 – Conceptual
C	13	M	11/12	Veterans Day	

TBC		W	11/14	Conceptual design review	P3 – Schematic
TBC		F	11/16		P3 – Schematic
TBC	14	M	11/19		P3 – CAD design development
C		W	11/21	Happy Thanksgiving!	
C		F	11/23		
TBC	15	M	11/26		P3 – CAD design development
TBC		W	11/28		P3 – Final Site Plan
TBC		F	11/30		P3 – Final graphics
TBC	16	M	12/3		P3 – Final graphics
C		W	12/5	Project 3 Presentation	

\* The instructor reserves the right to adjust the syllabus and schedule as needed.