

LARC 2401 Basic Design in Landscape Architecture

Summer II 2016, M-F 9:00-9:50 am (lecture, PSS109) 10:00-1:50 pm (studio, Ag Pavilion)

Instructor: Dr. Sohyun Park

Office: PSS Room 162

Email: sohyun.park@ttu.edu

Phone: 806-834-1710 | Cell: 806-781-2304

Office Hours: MW 2:30-3:00 pm or by appointments; email is the best way to reach me.

Course Description

LARC 2401 is the foundational course in the study of landscape architecture at Texas Tech University. This basic design course explores the principles and elements of spatial design in reference to landscape architecture in both two and three-dimensions. Professional practice skills including time management, project organization, creative problem solving, project execution, sketching and verbal presentation skills are nurtured in this course.

Course Objectives and Outcomes

The course objective is to enhance student's understanding of basic landscape architectural design. This includes helping students develop problem solving skills, increasing cognitive design abilities, and exploring realistic, creative and experimental design methodologies. Students who successfully complete this course will:

- Demonstrate a foundational and working vocabulary of design concepts.
- Utilize problem-solving techniques to expand creatively derived solutions.
- Communicate a design ethic that will inspire meaningful and soulful design of spaces.
- Apply the principles and elements of design to creative endeavors in both aesthetic and functionality.
- Analyze historic precedents with a critical eye, while exploring new design possibilities.
- Derive, appraise, and modify individual design choices and judgements in an articulate and individual design voice.
- Demonstrate effective and considerate studio behavior which includes: self-discipline and motivation, academic organization, meeting deadlines, accepting and delivering effective and polite peer feedback, and active participation in classroom and group activities.

Course Materials

Required Text

- Booth, Norman. 1989. Basic Elements of Landscape Architectural Design. Waveland Press. New York, NY.

Suggested Texts

- Rottle, Nancy & Yocom, Ken. 2011. Basics Landscape Architecture 02: Ecological Design. AVA Publishing SA, Switzerland.
- Kennen, Kate & Kirkwood, Niall. 2015. Phyto: Principles and Resources for Site Remediation and Landscape Design. Routledge. New York, NY.
- Steiner, Frederick R. 2008. The Living Landscapes: An Ecological Approach to Landscape Planning. Second Edition.
- Motloch, John. 2001. Introduction to Landscape Design. Second Edition, John Wiley and Sons.
- Ching, Francis T. 1979. Architecture: Form, Space, Order. New York, NY: Van Nostrand Reinhold.

Evaluation

Evaluation will be based upon cumulative performance on graded assignments, examinations, design projects and class participation. Final grades will be calculated based on the following distribution.

15%	Three (3) quizzes (5% for each)
10%	Mid-term exam
10%	Two (2) In-class exercises (5% for each)
5%	Active participation (readings, critiques, field trip, etc.)
20%	Final exam (comprehensive)
40%	Two (2) design projects & presentations
<hr/>	
Total	100%

Much of your grade is based upon completion of semester design projects. It is your responsibility to assure that all projects are completed on time. Points will be deducted from late assignments.

Weekly Readings & Quizzes

Every weekend, you should read the assigned chapters of the textbooks and prepare to take a brief quiz on Mondays. Three quizzes will be brief assessments of your knowledge obtained from weekly readings and lecture content in previous weeks. No make-ups will be given.

Mid-Term and Final Exams

Two examinations will consist of questions from the lectures, assigned readings and class activities throughout the course. Final exam is comprehensive and may include the questions from mid-term exam and quizzes. Cheating and plagiarism will be treated as academic misconduct and will be dealt with as described in "Student Handbook 2016-2017":

<http://www.depts.ttu.edu/dos/handbook/>.

Attendance and Late Work Policy

More than three (3) absences will result in 5 pts deduction from the final points. More than six (6) absences will result in 10 pts deduction from the final points. More than nine (9) absences will lead to failure of the course. Late work will lose 10% per class period. No presentations accepted after final due date.

Studio Design Projects

Students need to complete two design projects throughout the summer II semester. Each design project is completed individually and each student should explore design ideas as associated with each assignment's requirements and use his/her own creativity for the projects. Students should prepare a poster to present his/her own work to the class and clients on assigned dates. The deadlines for each project are at the start of the corresponding presentation dates. Plan ahead for your design processes and allot appropriate amounts of time for each design step. It is very important that every student participates in all assigned projects and respond to questions and comments after the class presentation. A detailed guidelines for each project's objectives, tasks, and deliverables will be provided separately.

Since the University reserves the right to retain all work for accreditation purposes, you will be required (as a portion of your grade) to submit a scanned image (PDF) of each of your projects and assignment work. These should be sent to an instructor-designated folder of OneDrive. This will assure that you maintain copies for the purposes of your own portfolio and submit required copies to the instructor for our accreditation process. **The digital form of the three projects should be submitted by 9:00 AM on Friday, August 12th.**

Civility in the Classroom

Students are expected to assist in maintaining a classroom environment that is conducive to learning. In order to ensure that all students have an opportunity to gain from time spent in the class, unless otherwise approved by the instructor, students are prohibited from using cellular phones, text messaging devices, pagers or engaging in any other form of distraction. The use of tobacco products of any kind is not permitted in any building. Inappropriate behavior in the classroom shall result in, minimally, a request to leave class.

Academic Integrity

It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and a high standard of integrity. The attempt by students to present, as their own, any work that they have not honestly performed is regarded by the faculty and administration as a serious offense and renders the offenders liable to serious consequences, including suspension. Additional information can be found in the TTU publication "Integrity Matters" brochure: <https://www.depts.ttu.edu/provost/qep/2005-2010/docs/AcademicIntegrityPostcards.pdf>.

NOTE: This syllabus is subject to minor change. Students will be informed of all changes as soon as possible.

Project (1) Courtyard Design for Carillon LifeCare Community***Due: Tuesday, July 26th****Site location:** 1717 Norfolk Ave, Lubbock, TX 79416**Design Theme:** Universal Design

Objective: Based on the design elements and principles learned from the course, create a site design for the use of the elderly and the disabled with creative, innovative and experimental thinking.

Task: Understand physical, social, environmental, spatial, ecological and aesthetic contexts of the project site of the Carillon LifeCare Community; examine strengths, weakness, opportunities and threats (SWOT analysis) of the site environment for creation of serenity gardens; and develop a site design to activate, beautify, and improve the community's courtyards. Utilize user-oriented and/or participatory design approach to exercise universal design practice. Identify design problems, client's needs, and environmental challenges in a manner of creating a better functioning landscape. Include research part in your design process to provide compelling design justifications and science-based design evidences. Be sure to consider surrounding environments for your design intervention.

Deliverable: A series of posters containing your site problems, design concept & justification, goals & objectives, site/users survey findings, functional diagram, site design, section drawings, and 2D /3D sketches/ perspectives. Be sure to include basic components of poster presentation including project title block, course name, instructor name, date, north arrow, scale bar, etc.

*This project is undertaken as a Service Learning project to help Carrillon LifeCare Community. For specific site information, contact Pam Roddy, Executive Director, at 806-281-6158 or proddy@carillonweb.com.



Project (2) Pollinator School Garden Design for Harwell Elementary School ****Due: Thursday, August 11th****Site location:** 4104 Ave D, Lubbock, TX 79404**Design Theme:** Ecological Design**Objective:** Based on the design elements and principles learned from the course, create a site design for a school garden with ecological knowledge and creative design ideas**Task:** Understand various characteristics of the project site and surroundings; conduct a research on pollinator species, habitat requirements, and urban soils; examine best practices and relevant cases; examine design essentials for school garden projects; integrate education/active learning components with design elements and programming; develop a site design to transform the void area into a multi-use school garden that includes a small-scale functioning habitat; consider seasonal variations and monitoring plan.**Deliverable:** A series of posters containing your site problems, research findings, design concept & justification, goals & objectives, functional diagram, site design, section drawings, and sketches/ perspectives. Be sure to include basic components of poster presentation including project title block, course name, instructor name, date, north arrow, scale bar, etc.**Useful Links:**Pond Watch <http://www.migratorydragonflypartnership.org/index/dragonflyPondWatch>Xerces Society <http://www.xerces.org/>Pollinator Partnership <http://www.pollinator.org/>, <http://www.pollinator.org/SHARE.htm>

** This project is undertaken as a Service Learning project to help Harwell Elementary School. For specific site information, contact Mikale Kubik, PSS research assistant at 469-371-5897 or mikale.kubik@ttu.edu.