



## TPSS 352

# Tropical Landscape Planting Design and Graphics Studio

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**Teaching Assistant:**

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**CLASS MEETS:**

**Lecture:**

**Labs:**

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**Course Description:** Through lecture and design studio formats, theoretical design concepts will develop functional and sustainable landscape planting designs which take into account the sociocultural, economic, artistic, environmental and aesthetic qualities of the built and natural landscape. Students will develop basic skills of landscape graphic communication to clearly articulate the ability to think, analyze and extend a physical solution in the proper scale through the design process in the tropics.

**Course Overview:** Through the understanding of plant-people relationships, landscape installation maintenance, this course will be structured in a holistic manner to synthesize the practical and theoretical contributions of landscape graphics and planting design.

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**OBJECTIVES:** Students should be able to:

- Have a comprehensive understanding of the landscape industry and the intricate role that design communication plays.
- To understand the complex relationships between landscape and plant design in relation to the installation and management of a landscape.
- Understand and explain principles behind the design.
- Aesthetic and functional relationships between architecture and the surrounding landscape.
- Acquire basic graphic tools to be able to clearly articulate a landscape plan.
- Evaluate physical, environmental, economic, and social impacts of a landscape design.
- Understand how theory and practical landscape knowledge is synthesized.

### TEXTBOOKS

*Readings will be assigned and handouts will be distributed per topic section.*

**Required:**

1. *Landscape Design: A Practical Approach.* L. Hannebaum.
2. *Plan Graphics*, 5th Edition by David A. Davis; Theodore D. Walker
3. *Drawing and Designing with Confidence: A Step-by-Step Guide.* Mike W. Lin
4. *Plants for Tropical Landscapes: A Gardener's Guide.* Fred D. Rauch; Paul R. Weissich

**Highly recommended:**

1. *Sunset. Western Garden Book*
2. *Landscape Graphics: Plan, Section, and Perspective Drawing Landscape Spaces.* Grant W. Reid.

**Drafting supplies:**

A list of recommended supplies will be distributed before the design section begins.

**GENERAL COURSE TOPICS**

- Introduction, Landscape Industry
- Plant-People interactions: Why and how plants affect people physically, emotionally, and psychologically, socially, and economically.
- Pencil and paper: beyond ordinary writing.
- Design principles and theories.
- Environmental design considerations.
- Landscape design in relation to installation.
- Landscape design in relation to maintenance.
- What about irrigation.
- Principles of planting design.
- Tropical plant palette.
- Planting details.
- Base plan.
- Hardscape and landscape amenities.
- Putting it all together...

**GRADING**

- In-class Midterm Lec Exam (15%)
- In class Final Lec Exam (15%)
- Graphic and design assignments (35%)
- Final design project and presentation (30%)
- Participation and attendance in lecture and studio (5%)

Students learning accomplishments will be assessed by participation, grades, and improvement. These will be used to evaluate students' understanding and developed skills of the subject matter, including problem solving skills, graphic communication skills, and an understanding of the theoretical constructs needed to generate sustainable designs.

| Percent   | Minimum Grade |
|-----------|---------------|
| 93% +     | A             |
| 83% - 92% | B             |
| 73% - 82% | C             |
| 63% - 72% | D             |

**ASSIGNMENT DUE DATES**

All work is due at the assigned due date for each assignment. No late work will be accepted.

## EXAMS

**No make-up exams will be given.** If you miss an exam you will receive a grade of zero on that exam. (Exception will be for extreme emergencies with consultation with instructor).

**No early exams will be given.**

## TENTATIVE EXAM SCHEDULE

| Exam                               | Exam date |
|------------------------------------|-----------|
| In-class Lec midterm               |           |
| In-class Lec final exam            |           |
| Design projects                    |           |
| Final design and oral presentation |           |

## ATTENDANCE

**Regular attendance is essential to doing well in this course!** This is a 300 level university course and you are expected to perform to this level. The material covered in both laboratory and class goes beyond that in the textbook. Supplemental assignments and handouts will be distributed. If you are not in class how can you learn? Please be considerate of my time, your classmate's time, and most of all your time. Education is the key to many doors!!!

**Classroom policies, such as grading and assignments, are subject to change.** Announcements about such changes, should they become necessary, will be made in class or lab. You are responsible for knowing about these announcements. If you must miss class or lab, you are responsible for finding out what you missed and for asking for copies of any handouts.

## CLASSROOM EXPECTATIONS

You are one member of a group of people who will be participating in this course. You are expected to act in a manner that will facilitate your learning as well as the learning of other members of the group. You will be expected to be a positive, contributing member of the group. This means that you are expected to come to class prepared. You are also expected to act in a manner that does not disrupt or prevent learning by others. You are on your honor to participate in this class as your own representative and not to pass the work of others off as your own. Cheating, in any form, including plagiarizing is unacceptable; if you are caught cheating, you will receive a zero on the involved exam or assignment as well as subject to UH cheating policies.

**Smoking and Cell Phone Policy:** Please refrain from smoking while you are participating in class activities, including indoor labs, outdoor labs, and while walking from indoor to outdoor activities during class or lab times. Also, please shut off cell phones during lectures and labs. Their use during these times is not appropriate. Your cooperation is appreciated.

## DISABILITIES

Accommodations will be made for a student needing special assistance if and when the student's disability is on file at the UH Disability Resource Center.

*This is a tentative syllabus and subject to change*

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