

# HORT 60B: LANDSCAPE DESIGN: THEORY

## Foothill College Course Outline of Record

Heading	Value
<b>Effective Term:</b>	Summer 2022
<b>Units:</b>	3
<b>Hours:</b>	2 lecture, 3 laboratory per week (60 total per quarter)
<b>Advisory:</b>	HORT 40 and/or drafting skills strongly recommended.
<b>Degree &amp; Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	CSU
<b>Grade Type:</b>	Letter Grade (Request for Pass/No Pass)
<b>Repeatability:</b>	Not Repeatable

## Student Learning Outcomes

- Exhibit an understanding of the elements and principles of landscape design theory through class projects.

## Description

Principles of landscape design theory. Intermediate studies in and applications of graphic communication, creative problem solving, design theory, and presentation skills. Residential site analysis and landscape design case studies.

## Course Objectives

The student will be able to:

- Exhibit an understanding of the elements and principles of landscape design theory through class exercises.
- Demonstrate knowledge of intermediate graphic communication skills as they relate to landscape design problems through a series of projects.
- Discuss and analyze design case studies and/or completed residential landscape projects.
- Understand the cross-cultural nature of landscape design.

## Course Content

- Landscape design theory
  - Basic elements of design (point, line, plane, form, texture, motion, etc.)
  - Principles of organization (unity, harmony, scale, etc.)
  - General philosophical concepts
  - Specific functional concepts
  - Overview of trends in landscape design
- Form development
  - Geometric
  - Naturalistic
- Case studies and analysis of completed residential landscape projects

- Intermediate graphic communication
  - Analysis graphics
    - Symbols and symbol palettes
    - Functional and analytical bubble diagrams
  - Color
    - Color wheel
    - Palette selection
    - Rendering techniques
  - The metric system as applied to landscape design
- Cross-cultural applications of landscape design process

## Lab Content

- Basic design composition lab: Utilizing theoretical constructs, apply elements of design to landscape design project
- Garden gate lab: Students will explore the "garden gate" as a defining element of the typical garden. Based on research and field work, students will design their own "ideal garden gate"
- Color rendering lab: Following the lecture on use and application of color rendering products, students will practice developing these skills in the classroom
- Site analysis lab: Using a real site, students will practice and develop site analysis skills
- Landscape site design lab: Utilizing a real or fictitious site, students will create a landscape design based on a program which has been provided

## Special Facilities and/or Equipment

- Design laboratory with multimedia projection system.
- Students provide drafting supplies and equipment as necessary to complete projects. Needs vary by student. Typical materials include vellum, tracing paper, drafting pencils, pencil sharpener, eraser, erasing shield, drafting tape, T-square, parallel glider, architect's and engineer's scales, triangles (30/60 and 45), circle template, drafting brush, and drafting surface.
- When taught online, on-going access to computer with email and internet access.

## Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Participation in class activities  
 Weekly exercises and projects  
 Final project

## Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture  
 Lab  
 Demonstrations  
 Discussions  
 Oral presentations

## **Representative Text(s) and Other Materials**

Booth, Norman, and James Hiss. Residential Landscape Architecture: Design Process for the Private Residence, 6th ed.. 2011.

Although this text is older than the suggested "5 years or newer" standard, it remains a seminal text in this area of study.

## **Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments**

1. Reading assignments will include reading approximately 25 pages per week from the assigned texts with supplemental reading from a course reader. Out of class reading/assignments is approximately 4-6 hours per week
2. Lectures will address reading topics and experiences of the instructor. Classroom discussion and demonstrations in support of lecture topics will be provided

## **Discipline(s)**

Ornamental Horticulture