

CATALOG INFORMATION

Dept and Nbr: HORT 94Title: LANDSCPE DESIGN APPLICS

Full Title: Landscape Design Applications

Last Reviewed: 12/14/2015

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: HORT 94C

**Catalog Description:**  
Application of design principles and the design process to various types and styles of residential and small commercial projects. Drafting equipment and field trip(s) required.

**Prerequisites/Corequisites:**  
Course Completion of HORT 8 or HORT 12; AND Completion of HORT 93

**Recommended Preparation:**

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: Application of design principles and the design process to various types and styles of residential and small commercial projects. Drafting equipment and field trip(s) required.  
(Grade or P/NP)  
Prerequisites/Corequisites: Course Completion of HORT 8 or HORT 12; AND Completion of HORT 93  
Recommended:  
Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Apply design principles and the design process to various types and styles of residential and small commercial projects.
2. Present a professionally developed design, including installation phases, to a client.

### **Objectives:**

Upon completion of this course, the student will be able to:

1. Apply the landscape design process to produce designs for residential or small commercial sites.
2. Gather site inventory and client profile information and develop a design program for a client.
3. Select a design theme or style appropriate to the site and client's preference.
4. Analyze design needs and resolve design problems for residential and small commercial sites with diverse limitations, such as: steep slope; excessive shade; limited access; small, narrow, or confined space; deer or other significant pests; low water requirements; soil problems; etc.
5. Select plants appropriate to their landscape function, site imitations, design value, and client preferences.
6. Apply water-efficient design practices to a landscape design.
7. Determine legal restrictions on landscape plantings and structures for a project site.
8. Demonstrate advanced use of graphic skills and graphic aids and tools.
9. Construct detailed elevation and perspective views.
10. Select appropriate reprographic methods for design drawings.
11. Apply color media to landscape drawings.
12. Describe accepted business practices for various types of firms involved in landscape design.
13. Develop a logo and a title block design for a small landscape design business.
14. Present a design, including installation phases, to a client.

### **Topics and Scope:**

- I. Lettering and drafting technique review
- II. Design principles review
- III. Construction detailing
- IV. Pen drafting
- V. Elevation views from planting plans
  - A. Site profiles
  - B. Sections
- VI. Perspective drawings
  - A. 1-point
  - B. 2-point
- VII. Landscape design styles for California residences
- VIII. Water-efficient design methods and hydrozones
- IX. Slope, grading, and drainage
- X. Irrigation plans
- XI. Zoning ordinances and restrictions related to landscaping
- XII. Planting design and composition
- XIII. Landscape lighting
- XIV. Color media for landscape drawings
- XV. Title blocks and logo design for a landscape business
- XVI. Design office business practices
- XVII. Presentation methods

### **Assignment:**

Representative assignments:

1. Reading in assigned text(s) 10 - 20 pages per week.
2. Field work including: measure a site; gather site data; perform site inventory and analysis.
3. Complete regular design projects for 3 or more residential or small commercial sites.
4. Produce the final landscape design for client(s).
5. Final performance exam: present the landscape plan to client and/or to class.
6. Approximately 4 quizzes, midterm exam, and final exam.

### **Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Field work, Site analysis; data coll.; client needs assessment

Problem solving  
20 - 50%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exam, Design projects.

Skill Demonstrations  
30 - 70%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams  
10 - 30%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### **Representative Textbooks and Materials:**

Site Engineering for Landscape Architects; 6th edition; Wiley: 2013.

Sunset Books:Western Landscaping, Menlo Park, CA: Sunset Books: 2012

All textbooks below are classics:

Designing the Landscape: An Introductory Guide for the Landscape Designer. Bertanski, Tony, Prentice Hall: 2004

Plan Graphics for the Landscape Designer. Bertanski, Tony. Prentice Hall: 2006.

Landscape Design: A Practical Approach, 5th ed., Hannebaum, Leroy, Prentice Hall:2002

Residential Landscape Architecture, Booth, N., Hiss, J., Prentice Hall: 2004

California Landscape Contractors Association, California Landscape Standards. CLCA: 2000

Landscape Graphics; Reid, Grant; Watson-Guptill; 2002.

Perspective Made Easy; Norling, Ernest; Dover Publications:1999.

Basic Elements of Landscape Architectural Design; Booth, Norman; Waveland Pr Inc: 1989.