#### HORT 94 Course Outline as of Fall 2023

# **CATALOG INFORMATION**

Dept and Nbr: HORT 94 Title: LANDSCPE DESIGN APPLICS Full Title: Landscape Design Applications Last Reviewed: 12/14/2015

Units		Course Hours per Week		Nbr of Weeks	<b>Course Hours Total</b>	
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:

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

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

## 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:

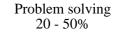
**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

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.

**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

Writing 0 - 0%	



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

Performance exam, Design projects.

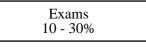
**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

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

None

Skill Demonstrations 30 - 70%



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. Prespective Made Easy; Norling, Ernest; Dover Publications:1999. Pasia Elementa of Landscape Architecturel Design: Pooth. Norman: Wayaland Pr. Incy. 1080

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