

Discipline: Agriculture	Sub-discipline: Environmental Horticulture
General Course Title: Landscape Design	Min. Units: 3 Semester
Proposed Suffix: L	
<p>Course Description: The study and implementation of the art and science of landscape design, including principles of design, the design process, drafting, graphics, and presentation methods. Project emphasis is placed upon residential and small commercial sites. Course includes introduction to computer landscape design software programs. Laboratory required.</p>	
Required Prerequisites or Co-Requisites ¹	
Advisories/Recommended Preparation ²	
<p>Course Objectives: <i>At the conclusion of this course, the student should be able to:</i></p> <ul style="list-style-type: none"> • Create a functional landscape plan applying the principles and elements of design • Demonstrate the proper use of drafting tools and graphic material • Apply the design process to solve landscape situations and meet client needs • Present a landscape plan to a client • Identify and describe architectural, historical, and environmental influences on landscape design • Identify and select plant materials according to proper environmental considerations and design principles • Summarize the qualifications of landscape Architects and others who design or plan landscape installations • Demonstrate the ability to accurately measure the physical characteristics of a landscape site • Identify the basic elements of landscape site analysis and evaluation • Explain how computer design software programs can be used in landscape design • Compare various computer resources that apply to landscape design 	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. History of Landscape Design 2. The Design Principles <ol style="list-style-type: none"> a. Unity b. Simplicity c. Harmony d. Balance e. Repetition f. Rhythm g. Sequence h. Focalization i. Contrast j. Variety k. Scale l. Proportion 3. The Design Elements <p>Landscape Design (Content Continued)</p>	

¹ Prerequisite or co-requisite course need to be validated at the CCC level in accordance with Title 5 regulations; co-requisites for CCCs are the linked courses that must be taken at the same time as the primary or target course.

² Advisories or recommended preparation will not require validation but are recommendations to be considered by the student prior to enrolling.

- a. Form / Shape
- b. Mass / Density
- c. Size
- d. Color
- e. Value / Tone
- f. Texture
- g. Line / Direction
- h. Space

4. Landscape Design Process

- a. Introduction To The Design Process
- b. Client Interview
 - (1) Determining The Wants And Needs Of The Client
 - (2) Determining Design Goals And Style Of The Landscaping.
 - (3) Determining If Clients Wants Are Feasible
- c. Site Plan
 - (1) Introduction
 - (2) Definition of terms
 - (3) Gathering existing site data
 - (4) How to measure the site
 - (5) Procedures for drawing the base plan
- d. Conceptual Plans
 - (1) Introduction
 - (2) Combining The Client's Wants And Needs, And The Site Plan.
 - (3) Presenting Plans to Clients For Review.
- f. Plant Material Uses
 - (1) Introduction
 - (2) Functional Use Of Plants
 - (3) Selecting Plants For The Landscape
 - (4) Renovation Of Existing Plantings
- g. Outdoor Room Concept
 - (1) Introduction
 - (2) Outdoor Spaces
 - (3) Outdoor Rooms In The Residential Site

5. Landscape Drafting (Recommended six-weeks of 18-week semester)

- a. Tools / Materials
- b. Techniques
- c. Layout
- d. Lettering
- e. Symbols
- f. Demonstrate CAD – AutoCAD, Land CAD, Eagle Point, etc.

**Landscape Design
(Content Continued)**

6. Designer Relationship

- a. Design Presentations
 - (1) Introduction

<ul style="list-style-type: none"> (2) Common Homeowner Approaches to Residential Site Design (3) Initial Contact By Potential Clients (4) Meeting The Potential Clients At Their Home (5) Presenting a Portfolio (6) Design Fees (7) Developing a Proposal For Design Fees <ul style="list-style-type: none"> b. Contractor - Architect - Designer - Client <ul style="list-style-type: none"> (1) Responsibility Of Each Party (2) Job Requirements <p>7. Landscape Drawings</p> <ul style="list-style-type: none"> a. Topography Drawings b. Construction Drawings c. Construction And Installation Details d. Working Drawings e. Final Drawings - Renderings <p>8. Landscape Considerations</p> <ul style="list-style-type: none"> a. Local Ordinances And Requirements b. Water Conservation and other sustainable practices c. Climate and Energy Conservation d. Slopes e. Design Styles <p>Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.</p>	
<p>Methods of Evaluation: Lecture Comprehensive Quizzes and Exams Written Critical Thinking Scenarios Problem Analysis and Solution Research and Term Papers</p>	<p>Methods of Evaluation: Laboratory Laboratory Skill Validation by Observation Laboratory Projects and Reports Laboratory Research Projects and Reports Laboratory Skill Practicum Exams</p>
<p>Typical Textbooks, Manuals, or Other Support Materials</p> <p>Booth, N. and Hiss, J. (2012). <u>Residential Landscape Architecture</u>. Prentice-Hall, NJ, (ISBN: 10: 0132376199).</p> <p>Bertauski, Tony (2009) <u>Designing the Landscape: An Introductory Guide for the Landscape Designer 2ndE</u>. Prentice-Hall, NJ (ISBN: 13: 978-0135135105)</p> <p>Bertauski, Tony (2007) <u>Plan Graphics for the Landscape Designer 2/E</u> Prentice-Hall, NJ (ISBN: 10: 0131720635)</p> <p>Ingels, Jack E. (2010). <u>Landscaping Principles and Practices</u>. Del Mar, NY, (ISBN-13: 9781428376410).</p> <p>Other References:</p> <p>Hannebaum, Leroy G. (2002). <u>Landscape Design, A Practical Approach</u>. Prentice-Hall, NJ (ISBN: 0-13-010581-3).</p> <p>Reid, G. (2002). <u>Landscape Graphics</u>. Watson-Guption Publishing (ISBN: 0-8230-7333-5)</p> <p>Hortocopia A-Z, and PRO Landscape LandCAD, Eagle Point, AutoCAD, DynaSCAPE Design</p>	
<p>Statewide Articulation: CPSLO-EHS 301, CPP-PLT 211/L, other universities as lower division elective</p>	
<p>FDRG Lead Signature:</p> <p>Mark E. Bender, PhD CSU Stanislaus</p>	<p>Date:</p>
<p>[For Office Use Only]</p>	<p>Internal Tracking Number</p>

