HORT A190: CALIFORNIA FRIENDLY LANDSCAPE

Item	Value
Curriculum Committee Approval Date	10/16/2024
Top Code	010910 - Landscape Design and Maintenance
Units	2 Total Units
Hours	36 Total Hours (Lecture Hours 36)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

Developing new and retrofitting existing landscapes with California friendly plant material. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Use the knowledge of current legislation, new technology and proper cultural practices to implement water efficiency formulas for various landscape situations.
2. Identify appropriate water saving plants for Southern California, developing a plant pallet for use in landscape design.

Course Objectives

- 1. Assess water efficiency on existing landscapes.
- 2. Recognize some of the various plants used in a California friendly landscape.
- 3. Recognize the importance of proper site preparation and planting practices.
- 4. Discuss the maintenance practices used to promote plant health and successful water savings

Lecture Content

How we use water, where it comes from, where it will come from, new legislation, water issues now and in the future. Understanding water needs of most plants, Evapotranspiration (ET), calculating water needs. Site considerations, uses, soil types, topography, assessing existing plant material, community appearances. California native plant materials. Non-native water conserving plant materials, Mediterranean plants, grasses. Designing and installing California friendly landscapes. Site preparation, irrigation considerations, soil preparation, planting. Insuring long-term success of landscapes, water efficiency, cultural practices, mulches, competent irrigation systems, smart controllers, water savings payback.

Method(s) of Instruction

- Lecture (02)

Instructional Techniques

Illustrated lecture presentations hands-on practical exercises Portfolio

Reading Assignments

Students will have 1 hours of assigned research reading weekly

Writing Assignments

Part of every examination is a number of questions requiring written answers to test the comprehension and writing skills of the students. Students will have 1 hour of assigned written exercises each week

Out-of-class Assignments

Students will have 2.5 hours of developing their portfolio/branding outside of classroom

Demonstration of Critical Thinking

Projects - assignment of problem-solving design issues.

Required Writing, Problem Solving, Skills Demonstration

Part of every examination is a number of questions requiring written answers to test the comprehension and writing skills of the students. Students will present their final projects to the class and discuss how they developed their concepts and the visualization techniques used.

Other Resources

1. Handouts to be provided and distributed by the instructor.