

HORT A286: LANDSCAPE DESIGN ELEMENTS

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	010910 - Landscape Design and Maintenance
Units	1.5 Total Units
Hours	27 Total Hours (Lecture Hours 27)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

Design of basic garden elements (i.e. walls, arbors, pools, steps, fences). Reviews construction materials and their inherent qualities. Preparation of construction drawings. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Describe and differentiate basic construction materials.
2. Draft garden elements with accepted construction drawing techniques.

Course Objectives

- 1. Discuss the many different non-living materials used in Landscape Design
- 2. Assess the differences in cost, labor, and installation requirements of various Design Elements
- 3. Communicate the design elements visually with accepted scaled drawing techniques
- 4. Discuss the accepted construction processes and relationships between various trades during a project
- 5. Realize the designers role in the awareness of various code requirements

Lecture Content

Concrete: walls, walks, steps, pools, textures, coloring, scoring, inlay, treatments
 Wood: fencing, decks, arbors, walls, patio covers, gazebos, (hardware and its appropriate applications)
 Masonry: walls, paving, fire pits, BBQ, steps, stone, brick, tile, fabricated masonry products.
 Water: Swimming pools, spas, water features, fountains, (plumbing, electrical, and drainage) Exterior lighting (120, and Low voltage)
 Code requirements: appropriate building codes, association requirements
 Working drawings: preparation of scaled accurate drawings of various elements

Method(s) of Instruction

- Lecture (02)

Instructional Techniques

Homework assignments and lab competency of trade techniques. Lectures illustrated with slides, demonstrations by the instructor, and interaction between students and instructor during lab sessions, office hours, and by current learning management system.

Reading Assignments

Students will read about 2 hours per week from the assigned textbook.

Writing Assignments

Midterm Exam Final Exam Short Quizzes

Out-of-class Assignments

Students will have approximately 3 hours per week outside of class on assignments; all other assignments are completed in the lab.

Demonstration of Critical Thinking

A. Quizzes, B. exams C. short answers D. Projects

Required Writing, Problem Solving, Skills Demonstration

Essay assignments Report preparation, Projects

Eligible Disciplines

Construction technology: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Other Resources

1. Instructor handouts