

**CUYAMACA COLLEGE**  
**COURSE OUTLINE OF RECORD**

**ORNAMENTAL HORTICULTURE 171 – LANDSCAPE DRAFTING**

.5 hour lecture, 1.5 hours laboratory, 1 unit

**Catalog Description**

Introduction to basic drafting practices used in landscape design. Includes topography drawings, concept plans, construction drawings, and construction and installation details. Upon completion, students should be able to complete a set of working drawings for a residential landscape.

**Prerequisite**

None

**Course Content**

- 1) Landscape Drafting
  - a. Tools/Materials
  - b. Techniques
  - c. Layout
  - d. Lettering
  - e. Symbols
- 2) Landscape Drawings
  - a. Topography Drawings
  - b. Concept Plans
  - c. Construction Drawings
  - d. Construction and Installation Details

**Course Objectives**

Students will be able to:

- 1) Demonstrate the proper use of drafting tools, graphic material, and landscape symbols in preparation of a landscape concept plan.
- 2) Identify and differentiate between the types of drawings and plans for client presentations.
- 3) Produce a concept plan for a residential landscape from a previously designed residential landscape.

**Method of Evaluation**

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Quizzes and exams that measure students' ability to:
  - a. Utilize practices common to landscape design and architecture to evaluate appropriate landscape design presentation elements, methods and materials.
  - b. Classify plan components and drawing types and establish their appropriate use in client presentations.
- 2) Exercises that measure students' ability to prepare hand drafting techniques and common landscape symbols and graphics to prepare a concept plan.

**Special Materials Required of Student**

Drafting supplies: 45° triangle, 30/60° triangle, 2H, 4H, H and F drafting pencils, drafting paper, architect and engineer scales, circle templates

**Minimum Instructional Facilities**

- 1) Classroom with one drafting table per student (tables should have drafting machine or built-in "T" square)
- 2) Blueprint or copy machine and paper
- 3) Plan file cabinet

**Method of Instruction**

- 1) Lecture and demonstration
- 2) Projects

**Out-of-Class Assignments**

- 1) Reading assignments
- 2) Work on landscape drafting projects

**Texts and References**

- 1) Required (representative examples):
  - a. Baskinger, Mark and William Bardel. *Drawing Ideas: A Hand-Drawn Approach for Better Design*. Watson-Guptill, 2013.
  - b. Ching, + Francis. *Architectural Graphics*. 5th edition. Wiley, 2009.
- 2) Supplemental: None

**Exit Skills**

Students having successfully completed this course exit with the following skills, competencies and/or knowledge to:

- 1) Evaluate appropriate landscape design presentation elements, methods and materials.
- 2) Prepare hand drafting techniques and common landscape symbols and graphics to prepare a concept plan.

**Student Learning Outcomes**

Upon successful completion of this course, students will be able to:

- 1) Demonstrate the proper use of drafting tools, graphic material, and landscape symbols in preparation of a landscape concept plan.
- 2) Identify and differentiate between the types of drawings and plans for client presentations.
- 3) Produce a concept plan for a residential landscape from a previously designed residential landscape.