

HORT 195B Course Outline as of Fall 2007**CATALOG INFORMATION**

Dept and Nbr: HORT 195B Title: CAD: PLANTING PLANS

Full Title: CAD: Landscape Planting Plans

Last Reviewed: 3/12/2007

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	2.00	6	Lecture Scheduled	12.00
Minimum	1.00	Lab Scheduled	3.00	6	Lab Scheduled	18.00
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	30.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 24.00

Total Student Learning Hours: 54.00

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 195.2

Catalog Description:

Introduction to computer assisted landscape drafting utilizing CAD (computer-aided drafting) software to execute landscape planting plans. Particular attention given to vegetation and pattern lines, plant outlines, locating trees and shrubs, and using a symbol library and other symbol graphics.

Prerequisites/Corequisites:

Course Completion or Current Enrollment in HORT 195A (or HORT 195.1)

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: Introduction to computer assisted landscape drafting utilizing CAD (computer-aided drafting) software to execute landscape planting plans. Particular attention given to vegetation and pattern lines, plant outlines, locating trees and shrubs, and using a symbol library and other symbol graphics. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion or Current Enrollment in HORT 195A (or

HORT 195.1)

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

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

1. Illustrate a variety of types of vegetation lines in a landscape planting plan.
2. Illustrate plants in a landscape planting plan.
3. Select correct symbol choice for various plants and insert in a planting plan.
4. Convert a conceptual landscape design to a plant layout.
5. Modify plant symbol attributes in an existing planting plan.
6. Customize information displayed on a label, and label plants in a planting plan.
7. Create a plant table to identify plant material in a planting plan.
8. Develop a materials takeoff and cost estimate for a planting plan.

Topics and Scope:

- I. Beginning the Project
 - A. Default CAD standards
 - B. Plot scales
- II. Landscape Layout
 - A. Symbol graphics
 1. drawing vegetation lines
 2. pattern lines
 3. plant shadowing
 4. placing edge stippling
 5. other symbol graphics
 - B. Locating Trees and Shrubs

1. locating hedge grove
2. locating hedge row
- C. Converting symbols and Modifying Attributes
 1. converting a conceptual design to a plant layout
 2. modify plant attributes
- D. Labels
 1. labeling symbols
 2. editing labels
- III. Plant Selection and Plant Table
 1. labeling plants
 2. editing plant labels
 3. plant selection
 4. creating plant tables
- IV. Quantity Takeoffs and Estimates

Assignment:

Skill demonstrations:

1. Computer drafting assignments such as: illustrating plants in a planting plan; selecting plant symbols and inserting them into a planting plan; modifying plant attributes in a planting plan.
2. Produce a complete planting layout for a landscape site.
3. Produce a plant table.
4. Produce a quantity takeoff and estimate.

Objective examinations:

5. Midterm and final exam.

Reading:

6. Reading: 5-10 pages per week.

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 skill demonstrations are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving
0 - 0%

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

See listed assignments

Skill Demonstrations
60 - 80%

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

Multiple choice, True/false, Matching items, Completion, Short answer

Exams
20 - 40%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

Instructor prepared materials.