

HORT 195.2 Course Outline as of Fall 2002**CATALOG INFORMATION**

Dept and Nbr: HORT 195.2 Title: LANDCADD: PLANTING PLANS

Full Title: LANDCADD: 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:

Catalog Description:

Introduction to computer assisted landscape drafting utilizing the LANDCADD software program to execute landscape planting plans. Course covers getting started with LANDCADD, with particular attention given to vegetation and pattern lines, plant outlines, shadowing and stippling, locating trees & shrubs, labeling symbols, and using the plant palette & database.

Prerequisites/Corequisites:

Course Completion of HORT 94A (or AG 94A)

Recommended Preparation:

Course Completion of APTECH 46 (or APTECH 56 or ENGR 56 or ENGR 22)

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

Description: Introduction to computer assisted landscape drafting utilizing LANDCADD. Basic LANDCADD landscape plans, including: vegetation and pattern lines, plant outlines, locating trees & shrubs, and plant palette & database. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of HORT 94A (or AG 94A)

Recommended: Course Completion of APTECH 46 (or APTECH 56 or ENGR 56 or ENGR 22)

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:
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CSU Transfer:	Effective:	Inactive:
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UC Transfer:	Effective:	Inactive:
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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. Create a new landscape drafting project using the LandCADD software.
2. Illustrate a variety of types of vegetation lines in a landscape drawing.
3. Illustrate plants in a landscape drawing.
4. Select symbol choice for various plants and insert in a drawing.
5. Convert a conceptual design to a plant layout.
6. Modify plant attributes in an existing drawing.
7. Customize information displayed on a label and label plants in a drawing.
8. Create a plant table to identify plant material in a drawing.

Topics and Scope:

I. Beginning the Project

- A. Adding a project
- B. Default CAD settings
- C. Plot scales

II. Landscape Design

- A. Vegetation lines, pattern lines, shadowing trees, edge stipple
 1. drawing vegetation lines
 2. reverse polyline
 3. pattern lines
 4. plant shadowing
 5. placing edge stippling
- C. Locate Trees and Shrubs
 1. locate hedge grove
 2. locate hedge row

- D. Converting symbols and Modifying Attributes
 - 1. converting a conceptual design to a plant layout
 - 2. modify plant attributes

- E. Labels
 - 1. Labeling symbols
 - 2. Editing Labels

- III. Plant Mix and Plant Table
 - 1. labeling plants
 - 2. editing plant labels
 - 2. plant mix
 - 3. creating plant tables

Assignment:

- 1. Computer drafting assignments such as: illustrating plants in a drawing; selecting plant symbols and inserting into drawing; modifying plant attributes in a drawing.
- 2. Produce a complete planting plan for a landscape site.
- 3. Produce a plant table.

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.

Class performances, Computer generated drawings and tables.

Skill Demonstrations
60 - 80%

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

None

Exams
0 - 0%

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

Attendance; participation; following instructions.

Other Category
20 - 40%

Representative Textbooks and Materials:

LandCADD Training Manual, 2001.

Instructor prepared handouts.