

Section I: Course Description

[Print Outline](#)

Department: Landscape Horticulture (LHO)

Division: Hospitality and Service Occupations

Curriculum: Landscape and Environmental Horticulture

Revision: E. Childs

Course Title: Cad For Landscaping I

Effective Date: February 2004

Course Number: LHO267

Status: Active

Type Of Course: Vocational Preparatory

Course Length: 1 quarter

Credit Hours: 3

Lecture Hours: 33

Lab Hours: 0

Class Size: 25

Prerequisites: Read and write English, familiarity with PC operation and terminology, including file management, Windows environment, and mouse operations.

Course Description

This course is intended to give the student experience in designing landscapes, generating planting plans and reports, irrigation design, estimates and bids, supplier and purchasing information, and customizing data libraries and client reports using the computer as a design tool, rather than teaching design theory itself. Professional software is used.

Section II: Student Learning Outcomes

[back to top](#)

Student Learning Outcomes

1. Technology - Use computer aided design program to create drawing.
2. Communication - Speak, write and listen effectively to clients.
3. Human Relations - Effectively work with clients, colleagues and suppliers.

Section III: Course Objectives

[back to top](#)

General Course Objectives

At the end of the course the student will:

1. Demonstrate the marketable skill of creating and presenting a client quality landscape design.
2. Use computer-aided landscape design software.
3. Create an elevation view.
4. Finish a complete drawing.

Section IV: Course Outline

[back to top](#)

Topical Course Outline

TOPICAL OUTLINE:	APPROX. HOURS
I. CAD system overview	3
II. Tutorial	2
III. Design setup	6
IV. Layout, plan view	5
V. Layout, elevation view	3
VI. Database libraries	3
VII. Irrigation system	3
VIII. Cost estimating	4
IX. Reports	3
X. Final project presentation	1
Total	33