

Section I: Course Description

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Department: Landscape Horticulture (LHO)

Division: Hospitality and Service Occupations

Curriculum: Landscape and Environmental Horticulture

Revision: V. Bobbitt

Course Title: Landscape Management

Effective Date: December 2000

Course Number: LHO137

Status: Active

Type Of Course: Vocational Preparatory

Course Length: 1 Quarter

Credit Hours: 3

Lecture Hours: 22

Lab Hours: 22

Class Size: 25

Prerequisites: None

Course Description

All landscape professionals—designers, contractors, and maintenance personnel—must understand landscape management operations. Turf management, hand tool and small equipment operation, maintenance practices, safety, environmental issues, and the impact of design on maintenance requirements will be covered in this course.

Section II: Student Learning Outcomes

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Student Learning Outcomes

1. Communication—Read and listen actively to learn and communicate. Speak and write effectively for personal, academic and career purposes.
2. Computation—Use arithmetic and other basic mathematical operations as required by program of study.
3. Human Relations—Use social interactive skills to work effectively in groups.
4. Critical Thinking and Problem Solving--Think critically in evaluating information, solving problems and making decisions.
5. Technology—Select and use appropriate technological tools for personal, academic, and career goals.
6. Personal Responsibility—Be motivated and able to continue learning and adapt to change. Value one's own skills, abilities, ideas, and art. Take pride in one's work. Manage personal health and safety. Be aware of civic and environmental issues.
7. Information Literacy—Access and evaluate information from a wide variety of sources and contexts, including technology. Use information to achieve personal,

academic and career goals, as well as to participate in a democratic society.

Section III: Course Objectives

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General Course Objectives

At the end of the course the student will:

1. Understand and be able to apply turf management practices appropriate to western Washington—establishment and renovation, fertilization, mowing, aeration, thatch control, pest and disease management, weed management.
2. Understand and be able to apply woody plant management practices appropriate to western Washington—planting and establishment, soil management, fertilization, water management, pruning, pest and disease management, weed management.
3. Be able to calculate fertilizer rates, pesticide application rates, and soil amendment requirements for specific areas.
4. Be able to develop an annual landscape management plan for an assigned landscape area.
5. Be able to evaluate the maintenance requirements for a landscape and suggest methods for reducing the maintenance requirements through improved design.
6. Understand environmental issues (water conservation, water quality, salmon recovery, pesticide hazards, etc.) that affect the landscape management industry and be able to articulate various points of view on these issues.
7. Be able to use industry reference materials (books, periodicals, www, etc.) and read articles from industry trade publications to gain further information about landscape management issues and practices.
8. Demonstrate the ability to safely and effectively use hand tools and operate small equipment (mowers, trimmers, blowers, etc.) in actual landscape maintenance projects.
9. Understand safety concerns and how to minimize risks through proper work practices and the use of safety protection equipment.

Section IV: Course Outline

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Topical Course Outline

Topical Outline:		Approx. Hours	
I.	Tools and safety	3	
II.	Impact of design on maintenance	1	
III.	Turf management	6	
IV.	Landscape management practices	6	
V.	Landscape maintenance planning	2	
VI.	Environmental issues in landscape management	2	
VII.	Professional organizations, certification	1	
VIII.	Scope of industry and job opportunities		1
IX.	Hands-on application and skill development	22	
Total		44	