

Section I: Course Description

[Print Outline](#)

Department: Landscape Horticulture (LHO)

Division: Hospitality and Service Occupations

Curriculum: Landscape and Environmental Horticulture

Revision: S. Hilderbrand

Course Title: Maintenance Estimating & Bidding

Effective Date: December 2000

Course Number: LHO238

Status: Active

Type Of Course: Vocational Preparatory

Course Length: 1 Quarter

Credit Hours: 3

Lecture Hours: 33

Lab Hours: 0

Class Size: 20

Prerequisites: LHO 137 or instructor's permission

Course Description

Estimating material cost and quantity for bidding individual jobs and writing annual contracts. Includes a design of efficient residential and commercial landscapes.

Addresses specifications and maintenance practices. Provides an understanding of business operations.

Section II: Student Learning Outcomes

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Student Learning Outcomes

1. Computation - Apply math to estimating the costs of maintenance for industrial, residential and commercial projects.
2. Personal Responsibility - Work to provide specifications and costs for a variety of maintenance systems.
3. Critical Thinking and Problem-Solving - Use critical thinking methods to develop cost effective bids.
4. Information Literacy - Be aware of available suppliers, reference materials, and industry organizations to help further academic and personal goals.

Section III: Course Objectives

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General Course Objectives

At the end of the course the student will be able to:

1. Create accurate bids and estimates from blueprint drawings.
2. Develop skills to identify high maintenance landscapes by having students work on a multitude of blueprint drawings.

3. Gain self-starting techniques and organization in forming a job planning take-off (draft).
4. Understand the relationship of high quality business practices to the success of a landscape maintenance company.

Section IV: Course Outline
Topical Course Outline

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Topical Outline:

Hours	Approx.
I. Calculation of quantities, volume and area	5
II. Take-off of blueprint drawings	15
III. Define and formulate specifications	4
IV. Calculation of labor and equipment usage	5
V. Work scheduling by season for maintenance jobs	1
VI. Pricing systems, bids and estimates	2
VII. Business procedures, sales and selling	1
Total	33