

Common Course Outline
HORT 134
Landscape Installation, Construction & Maintenance I
3 Semester Hours

The Community College of Baltimore County

Description

Landscape Installation, Construction & Maintenance I

Studies the important aspects of landscape installation and maintenance; covers tools, equipment, site preparations, amendments, plantings, stakings, transplanting and pruning of plants.

Prerequisite: (ENGL 051 or LVR 1), (RDNG 051 or LVR 1), (MATH 081 or LVM 1)

Overall Course Objectives

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

- A. demonstrate how to take a soil test and interpret the results.
- B. identify the warm and cool season grasses used in the Maryland area.
- C. discuss aesthetic and cultural differences between the seven grasses grown in Maryland.
- D. describe proper methods of sowing seed, planting plugs and installing sod.
- E. demonstrate how to properly plant a tree, shrub, and groundcover.
- F. demonstrate how to transplant a tree, shrub and groundcover.
- G. demonstrate the three techniques of staking a tree.
- H. demonstrate proper pruning techniques for trees and shrubs.
- I. identify the most common pest and disease problems associated with lawns and ornamental plants.
- J. identify the most common chemicals used to prevent or resolve pest and disease problems of lawns and ornamental plants.
- K. identify and discuss proper watering and fertilizing techniques.
- L. demonstrate various methods of establishing a maintenance schedule.
- M. demonstrate three methods of bidding on maintenance/landscape projects.

Major Topics

- 1. First Component
 - a. Turf Grasses of Maryland
 - b. Basic Turf Management
 - c. Basic Pests and Diseases of Turf
- 2. Second Component
 - a. Pruning
 - b. Digging
 - c. Transplanting/Planting
 - d. Staking
- 3. Third Component
 - a. Contracts
 - b. Bidding
 - c. Construction Materials

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member, but will include the following:

1. Tests
2. Lab Exercises
3. Attendance and Participation
4. 2 Saturday Class Practicals

Date Revised: 09/28/00