

Common Course Outline
HORT 206
Plant Propagation and Production II
2 Semester Hours

The Community College of Baltimore County

Description

Plant Propagation and Production II

Continues to study the principles and practices in the propagation of plants; covers facilities, equipment, and supplies used in propagation.

Prerequisite: (RDNG 051 or LVR 1)

Overall Course Objectives

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

- A. identify and explain plant propagation terminology.
- B. compare and evaluate the assortment of propagation media.
- C. demonstrate techniques used in the propagation of seed crops.
- D. demonstrate techniques used in the propagation of cuttings.
- E. demonstrate techniques used in budding and grafting.
- F. evaluate and choose proper stock material for budding and grafting.
- G. demonstrate proper care for vegetative and seed crops.
- H. demonstrate techniques used in the propagation of specialized stems and roots.
- I. explain the principles of micropropagation.
- J. develop calendar production time frames for various propagation crops.

Major Topics

Continuation of:

1. Facilities, equipment, and supplies used in plant propagation
2. Propagation by seed
3. Vegetative Propagation: Techniques include cuttings, budding, grafting, layering, propagation of specialized stems, and micropropagation
4. Calendar production time frame for the various propagation crops
5. Using library resources to complete course assignments

Course Requirements

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

1. 3-4 Written Exams
2. Weekly Lab Practicals
3. Attendance and Participation

