

**Common Course Outline**  
**HORT 124**  
**Nursery and Greenhouse Management**  
3 Semester Hours

**The Community College of Baltimore County**

**Description**

Nursery and Greenhouse Management

Examines greenhouse and nursery structures and facilities; covers greenhouse and nursery crop production techniques and procedures.

Prerequisite: (ENGL 051 or LVE 1) or (ESOL 051 or LVE 1), (RDNG 051 or LVR 1)

**Overall Course Objectives**

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

- A. identify important historical components of the nursery and greenhouse industry.
- B. identify the major greenhouse designs and construction techniques.
- C. describe the different methods of heating and cooling a greenhouse.
- D. identify criteria important to the selection of a nursery site.
- E. describe different methods of laying out a nursery/greenhouse facility.
- F. describe or demonstrate the cultural methods (i.e., soil, media, irrigation, chemicals, fertilization, temperature control, pest and disease) important to growing a nursery or greenhouse crop.
- G. describe current and new crop production techniques used in the nursery/greenhouse industry.
- H. state specific financial management techniques used in the nursery/greenhouse industry.
- I. summarize the wholesale marketing techniques of the nursery/greenhouse industry.
- J. describe the techniques used in nursery/greenhouse inventory control.
- K. identify methods of shipping in the nursery/greenhouse industry.

**Major Topics**

- 1. History of the Nursery and Greenhouse Industry
- 2. Greenhouse Construction Methods
- 3. Greenhouse Heating and Cooling Systems
- 4. Nursery/Greenhouse Layout
- 5. Cultural Characteristics Involved in the Growing of Nursery and Greenhouse Crops
- 6. Crop Production Methods for Nursery and Greenhouse Crops
- 7. Financial Management Principles involved in Administering a Nursery or Greenhouse Business
- 8. 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. 4 Exams
- 2. Attendance and Participation

Date Revised: 09/28/00