

# **COURSE OUTLINE**

## **PLSC-102**

### **Annuals and Perennials**

3 Semester Hours

## **HOWARD COMMUNITY COLLEGE**

### **Description**

Annuals and Perennials is designed for the student who is working or who wants to work in the plant science industry as well as for the homeowner who takes a special interest in plants and the landscape. It is designed to provide the student with a working knowledge of herbaceous plants, their identification, maintenance and culture, and proper use in the landscape. In addition, propagation and marketing techniques will be identified. Prerequisite: PLSC-101. (2 hours lecture, 2 hours lab)

### **Overall Course Objectives**

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

1. Identify and define the characteristics of the plants discussed in class.
2. Apply their knowledge of the plants covered to use them in landscapes.
3. Select plants for a specific design and suitable for specific landscape site features.
4. Successfully start plants from seed and grow selected annuals.
5. Design a perennial flower border.
6. Design an aquatic garden.
7. Describe the basics of garden site preparation.
8. Identify a selection of ornamental grass varieties.
9. Develop a basic maintenance program for herbaceous plants.
10. Identify the common problems of plants discussed.

### **Major Topics**

- I. Characteristics of Plants
  - A. Annuals
  - B. Bulbs
  - C. Herbaceous Perennials
  - D. Ornamental Grasses
  - E. Aquatic Plants
- II. Garden Design Guidelines
- III. Aquatic Garden Design and Construction
- IV. Insects and Diseases
- V. Starting Transplants Indoors
- VI. Garden Soil Improvement and Preparation

### **Course Requirements**

Grading/exams: Grading procedures will be determined by the individual faculty member but will be based on lecture tests and labs. An optional field trip may be included.

### **Other Course Information**

This course is a core course in the Plant Science certificate program.