

Prepared by Department of Natural Sciences & Life Fitness

Date of Departmental Approval: December 3, 2007

Date approved by Curriculum and Programs: December 5, 2007

Effective: Fall 2008

1. Course Number: HOR201

Course Title: Herbaceous Plant and Culture

2. Description: The identification and culture of herbaceous annuals, perennials, groundcovers and vines are discussed. Students will review propagation, placement and pest vulnerability of herbaceous plants commonly used in the landscape.

3. Student Learning Outcomes: (instructional objectives, intellectual skills):

Upon successful completion of this course, students are able to do the following:

- Identify commonly used herbaceous perennials using common and Latin names.
- Identify commonly used annuals using both common and Latin names.
- Identify commonly used spring, summer and greenhouse bulbs using common and Latin names.
- Identify commonly used groundcovers and vines using both common and Latin names.
- Select and plant seasonal bulbs.
- Design a perennial and annual garden based on cultural requirements, seasonal color, texture and size.
- Propagate herbaceous plants with seeds and/or vegetative methods.
- Manage common diseases of herbaceous plants.
- Identify and manage common insect groups which may adversely affect herbaceous plants.
- Properly prepare, plant and maintain a garden of herbaceous plants.

4. Credit: Three credits

5. Satisfies General Education Requirement: No

6. Prerequisite: HOR101

7. Semester(s) Offered: Spring

8. Suggested General Guidelines for Evaluation: Grade will be based on weekly quizzes, a mid term and final exam and a course project.

9. General Topical Outline (Optional):

- I. Perennial Plants, Bulbs, Ornamental Grasses, Ground Covers and Vines
 - a. Identification
 - b. Flower color and bloom period
 - c. Plant texture and size
 - d. Cultural requirements of all species covered.
- II. Annuals
 - a. Identification
 - b. Hardiness
 - c. Flower color and bloom period
 - d. Cultural requirements of all species covered
- III. Propagation
 - a. Sexual propagation
 - b. Asexual Propagation using cuttings and division.
- IV. Flower Garden Design
 - a. Planning the flower garden
 - b. Understanding color harmonies
 - c. Planning for size and texture
- V. Maintaining a Flower Garden
 - a. Planting and care techniques
 - b. Pest prevention and management
 - c. Preparing the garden for winter