Course Information Form (CIF)

Course Code: HRT 253

Course Title: Herbaceous Plants

Department: Agricultural Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 01.0603
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 3-0-3
Credit Hour Distribution:

Lecture: 3	Lab: 0	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Identification, selection, use, and maintenance of herbaceous (perennial, biennial, annual, and bulbs) plants in the landscape. Techniques in growth and maintenance of herbaceous plants.

General Course Objectives

Students will understand basic plant structures and be able to identify common herbaceous horticulture plants.

Minimum Placement Levels

English	Reading	Math
Placement out of ENG 098	Placement out of CCS 098	Placement into MAT 060

Prerequisites

Credit in AGB 104 or approval of department chair

Methods of Evaluation

The minimum number of evaluation methods include: 15 weekly quizzes, 8 homework assignments, 1 project, 2 exams, and 1 cumulative final exam.

Instructional Materials and Additional Supplies

Herbaceous Perennial Plants, current edition, Allen M. Armitage, Stipes Publishing.

Course Content

General Learning Outcomes (GLOs)

- Reasoning and Inquiry: Students will demonstrate the ability to solve problems using deductive reasoning and logic, quantitative reasoning, or the scientific method.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Plant Classification	1. Identify basic plant morphology. 2. Distinguish between alternate, opposite, and whorled leaf arrangement. 3. Distinguish between simple, pinnately compound, bi-pinnately compound, and palmately compound type leaves. 4. Distinguish between pointed, rounded, and scaly buds. 5. Determine classification using morphology.	3	0	0
Identifying Common Horticultural Herbaceous Plants	1. Identify each plant by common and botanical name. 2. List the common cultivators of each species.	25	0	0
Characteristics of Common Horticultural Herbaceous Plants	1. List size and form for each plant. 2. Describe leaf and flower characteristics for each plant. 3. List typical landscape use for each plant. 4. Identify the botanical name of each plant. 5. Explain the habitat of each plant. 6. Explain the growth rate and mature size of each plant. 7. Explain the habitat, soil, and moisture preference of each plant. 8. List the wind/ice tolerance of each plant.	14	0	0
Plant Pest Management	1. Identify the pests common to herbaceous plants, including insects, weeds, and diseases. 2. Describe the management techniques used to control them.	3	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
45	0	0