Course Information Form (CIF)

Course Code: HRT 254
Course Title: Woody Ornamentals

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

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-2-3
Credit Hour Distribution:

Lecture: 2	Lab: 2	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Identification of deciduous trees, shrubs, and evergreens used primarily in landscaping. Techniques in growth, maintenance of trees and shrubs.

General Course Objectives

Students shall develop an understanding of basic plant structures, physiology, and reproductive processes, and identify common woody horticulture plants.

Minimum Placement Levels

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

Prerequisites

None

Methods of Evaluation

The minimum number of evaluation methods include: 14 weekly quizzes, 8 homework assignments, 1 project, 2 exams, and 1 cumulative final exam.

Instructional Materials and Additional Supplies

Manual of Woody Plants, current edition, Michael Dirr, Stipes Publishing Co.
What Tree is That?, current edition, Arbor Day Foundation.

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
Woody Plant Morphology and Classification	1. Identify basic woody 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.	2	2	0
Methods of Identifying Woody Plants	1. Apply the methods and processes relating to identifying plants, planting, and cultural management of plants.	5	0	0
Identifying Common Horticultural Woody Plants	1. Identify each plant by common and botanical name, and relate the common cultivars of each species.	10	20	0
Characteristics of Common Horticultural Woody 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. Recall the botanical name of each plant. 5. Explain the habitat of each plant. 6. Recall 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.	10	5	0
Plant Pest Management	1. Identify the pests common to woody plants, including insects, weeds, and diseases. 2. Describe the management techniques used to control them.	3	3	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0