Course Information Form (CIF)

Course Code: HRT 211

Course Title: Pest Management and Pruning Principles

Department: Agricultural Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 01.0601
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, control, and management of insects, weeds, and diseases of landscape plant material, including the pest, its life cycle, hosts, symptoms, diagnosis, and controls. Basic tree and shrub pruning for plant maintenance.

General Course Objectives

Students will be provided with a working knowledge of landscape problems that occur in our growing zone, including knowledge of how to handle problems before they become too severe, which will help students to be successful in the landscape industry.

Minimum Placement Levels

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

Prerequisites

Credit or concurrent enrollment in AGB 104

Methods of Evaluation

The minimum number of evaluation methods include: 4 quizzes, 3 exams, class participation, 8 homework assignments, 1 plant issue diagnosing exercise, and 1 final exam.

Instructional Materials and Additional Supplies

Pest Management for Home Landscape, current edition, pubsplus.uiuc.edu
Identifying Weeds in Midwestern Turf and Landscapes, current edition, pubsplus.uiuc.edu
Pruning and Care of Trees and Shrubs, current edition, pubsplus.uiuc.edu

Course Content

General Learning Outcomes (GLOs)

- Critical Thinking and Information Literacy: Students will demonstrate the ability to evaluate perspectives, evidence, and implications, and to locate, assess, and use information effectively.
- 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
Insects	1. Identify an insect, its life cycle, types of damage, and host plants. 2. Control the most prevalent insects in the Parkland College vicinity. 3. Specify both biological and chemical controls.	8	8	0
Weeds	1. Identify and describe landscape weeds, their life cycles, and biological and chemical controls.	6	8	0
Diseases	1. Identify the symptoms, life cycle, host, and possible controls of landscape plant diseases.	6	6	0
Pruning	1. Demonstrate the basics of good tree pruning and shrub maintenance to ensure healthy and continually flowering plants.	6	8	0
Diagnosis Skills	1. Determine plant issues by using correct diagnostic tools such as identification of plant pest problems, and determine recommendations for control that utilize all Integrated Pest Management (IPM) methods.	4	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0