

**HRT 108      Introduction to Woody Plants      4 credits**

**Description:**

Covers the care, culture, and distinguishing characteristics of woody plants including the scientific and common names of many of the most common landscape woody plants. Examines pests that are common to these plants.

**Components:** Lecture: 4 credits (60 contact hours)

**Implementation:**      Fall 2006

**Competencies:**

Upon completion of this course, the student can:

1. Identify parts of a woody plant.
2. Identify fruits of trees.
3. Explain plant reproduction strategies.
4. Introduce the use of a plant key.
5. Use common and botanical names of trees and shrubs.
6. Identify cultural requirements for woody plants.
7. Determine landscape uses of specific woody plants.
8. Identify pests that are common to trees and shrubs.

**Outline:**

- I. Introduction
  - A. Identification of plant parts
  - B. Plant life cycles
  - C. Taxonomy
- II. Trees and Shrubs
  - A. Angiosperms/Morphological characteristics of specific plants
    1. Common and scientific names
    2. Physical characteristics
    3. Culture and landscape uses
    4. Pests and pest control
  - B. Gymnosperms/Morphological characteristics of specific plants
    1. Common and scientific names
    2. Physical characteristics
    3. Culture and landscape uses
    4. Pests and pest control

**Learning Resources:**

Dirr, M. A. (1998). *Manual of woody landscape plants: Their identification, ornamental characteristics, culture, propagation and uses (5th ed.)*. Champaign, IL: Stipes Publishing.

Dirr, M. A. (2000). *The interactive manual of woody landscape plants. (CD-ROM)* Champaign, IL: Stipes Publishing.

**Dates of Actions:**

**Approved:**      March 2001

**Revised:**      October 2002, December 2005