

Virginia Western Community College

HRT 201

Landscape Plant Materials I

Prerequisites

None.

Course Description

Studies landscape use of plants. Considers ornamental value, growth habit, identification, and limitations. Part I of II.

Semester Credits: 3 Lecture Hours: 2 Lab/Clinical/Internship Hours: 2

Required Materials

Textbook:

Manual of Woody Landscape Plants. Sixth Edition. ISBN: 1-58874-868-5.

Other Required Materials:

Hortipia Plant Database through VMware Horizon login. Instructor will provide login information.

Course Outcomes

At the completion of this course, the student should be able to:

- Understand classification and nomenclature of plants
- Understand plant morphology
- Read and understand the USDA Plant Hardiness Zone Map
- Identify 160 designated trees and shrubs (deciduous and evergreen), and herbaceous (annuals and perennials) plants using common names and botanical names
- Characterize these trees and shrubs, and herbaceous plants using physical qualities such as size, cold hardiness and seasonal interest
- Describe the cultural requirements (soil and light conditions) for these trees and shrubs, and herbaceous plants
- List the uses and limitations of these trees and shrubs, and herbaceous plants
- Use a plant key to identify unknown plants

Topical Description

- I. Introduction
 - A. Plant Nomenclature
 - B. Plant Morphology
 - C. Plant Key

II. Selected Woody Landscaping Plants (Deciduous)

- A. Identification (Common and Botanical Names)
- B. Size
- C. Hardiness
- D. Seasonal Interest
- E. Culture
- F. Landscape Value

III. Selected Woody Landscaping Plants (Evergreen)

- A. Identification (Common and Botanical Names)
- B. Size
- C. Hardiness
- D. Seasonal Interest
- E. Culture
- F. Landscape Value

IV. Selected Herbaceous Landscaping Plants

- A. Identification (Common and Botanical Names)
- B. Size
- C. Hardiness
- D. Seasonal Interest
- E. Culture
- F. Landscape Value

Notes to Instructors

- Weekly plant identification quizzes.
- Minimum of 10 plants discussed each week.
- Provide students with opportunities to view actual plants in the landscape for identification purposes.
- Plant samples (cuttings) may be maintained in the N102 lab or W217 classroom for students to study between class meetings.
- References may be made to the color and textures of plants for use in landscape design.
- Hortiopia should be utilized to facilitate learning during periods of inclement weather, during the need for online teaching, and for research projects. Hortiopia is housed on campus via VMware horizon.
- Projects and field trips involving identification of plants in landscape settings on and off campus may improve the student's understanding of the wide range of ornamental plant materials that are available in the horticulture industry.

- A field trip form must be completed for the entire semester to allow off campus visits to the neighborhoods surrounding campus.
- Individual Field Trip forms must be completed for trips requiring travel away from campus.

College Policies

[ADA Statement](#) (PDF)

[Title IX Statement](#) (PDF)