

HRT 269

Professional Turf Care

COURSE OUTLINE

Prerequisites:

Prerequisites Here - None

Course Description:

(3 CR) Covers turfgrass identification, selection, culture, propagation, and pest control. Surveys commercial turf care operations and use of common equipment. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

The objectives for this course are to:

1. Describe the characteristics of warm and cool season turfgrasses
2. Discuss the different types of fertilizers
3. Identify the most appropriate times of the year for turfgrass establishment
4. Discuss the method of controlling annual and perennial weeds
5. Describe safe methods of pesticide usages

Semester Credits: 2 Lecture Hours: 2 Lab/Recitation Hours: 4

VIRGINIA WESTERN COMMUNITY COLLEGE
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Course Outcomes

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

1. Describe the characteristics of warm and cool season turfgrasses
2. Discuss the different types of fertilizers
3. Identify the most appropriate times of the year for turfgrass establishment
4. Discuss the method of controlling annual and perennial weeds
5. Describe safe methods of pesticide usages

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Required Materials:

Textbook: Text: Turfgrass Science and Management, 4th edition, Delmar Learning, ISBN: 10-4180-7

The following supplementary materials are available:

- 1.
- 2.
- 3.

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Topical Description: (Outline chapters and sections to be covered in the book – may include timeline)

Turfgrass Industry
Introduction to Turfgrass
Warm Season Grass
Cool Season Grass
Soil and Soil Modification
Establishing Turfgrass
Fertilizing Programs
Mowing
Pesticides – Integrated Pest Management
Weed Control
Insects
Diseases and Other Problems
Turf Renovation
Golf Courses, Parks, Recreation Areas

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Notes to Instructors

(List information about optional topics, departmental exams, etc)

- 1.
- 2.
- 3.
- 4.

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