

# Virginia Western Community College

## HRT 269

### Professional Turf Care

#### **Prerequisites**

None.

#### **Course Description**

Covers turf grass 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.

**Semester Credits: 2 Lecture Hours: 2 Lab/Clinical/Internship Hours: 4**

#### **Required Materials**

##### **Textbook:**

Turf grass Science and Management. 4<sup>th</sup> edition. ISBN: 10-4180-7.

##### **Other Required Materials:**

None.

#### **Course Outcomes**

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

- Describe the characteristics of warm and cool season turf grasses
- Discuss the different types of fertilizers
- Identify the most appropriate times of the year for turf grass establishment
- Discuss the method of controlling annual and perennial weeds
- Describe safe methods of pesticide usages

#### **Topical Description**

- Turfgrass Industry
- Introduction to Turfgrass
- Warm Season Grass
- Cool Season Grass
- Soil and Soil Modification
- Establishing Turf grass
- Fertilizing Programs
- Mowing
- Pesticides – Integrated Pest Management

- Weed Control
- Insects
- Diseases and Other Problems
- Turf Renovation
- Golf Courses, Parks, Recreation Areas

### **Notes to Instructors**

- None