

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
HRT 269 - PROFESSIONAL TURF CARE (3 CR.)**

Course Description

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.

General Course Purpose

This course provides students with a knowledge of turf care practices and the theory behind them. The course is intended for students who will work in the grounds management or landscape industries.

Course Prerequisites/Corequisites

Students should be able to read at the college level and perform basic computations.

Course Objectives

Upon completion of the course students should be able to:

- Describe the primary daily and seasonal practices followed in the commercial management of turfgrass.
- Identify those trade resources which relate to ordering and purchasing plant materials, equipment, and supplies.
- Identify the major types of turfgrasses and their respective uses and culture.
- List relevant trade journals.

Major Topics to be Included

- a. Careers in the turf industry
- b. Types of turf and their respective uses
- c. Preparation of site for turf establishment
- d. Mowing
- e. Irrigation and drainage
- f. Fertilizers and lime
- g. Insect, disease and weed control
- h. Tools and equipment
- i. Management of newly established turf
- j. Renovating older turf
- k. Producing and using sod