

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: HRT 295

Credits: 3

Course Title: Sports Turf Management

Course Description

Addresses the scientific principles for the establishment and maintenance of intensely managed turfgrass for golf courses and athletic fields. Topics include seeding, sprigging, sodding, irrigation, fertilization, weed identification and control, insect identification and control, fungus identification and control, drainage, and mowing. Also covers critical tasks for constructing recreational turfgrass facilities. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

Course Prerequisites/Corequisites (*Entry-level competencies required for enrollment*)

none

Course Objectives

Upon completing the course, the student will be able to:

- a. Identify turfgrass species
- b. Understand cultural conditions necessary for turfgrass growth.
- c. Identify and control insects and diseases that affect turfgrass.
- d. Understand different aspects of designing, installing, and management of an athletic field

Major Topics to be Included

- a. Athletic field design, construction and drainage
- b. Turfgrass selections for athletic fields
- c. Insect & disease identification and control

Effective Date: February 12, 2009