Course Prefix and Number:  HRT 295  
Credits: 3

Course Title:  Topics in Horticulture: Sports Turf Management

Course Description:  Addresses the scientific principles for the establishment and maintenance of intensely managed turf grass 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 turf grass facilities. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose:  Introduce students to the different practices of establishing and maintaining intensely used turf for sports fields.

Course Prerequisites and Co-requisites:  
None

Student Learning Outcomes: 
Upon completing the course, the student will be able to
a. Identify turf grass species;
b. Identify cultural conditions necessary for turf grass growth;
c. Identify and control insects and diseases that affect turf grass; and
b. Recognize different aspects of designing, installing, and management of an athletic field.

Major Topics to Be Included: 
- Athletic field design, construction, and drainage
- Turf grass selections for athletic fields
- Insect and disease identification and control

Date Created/Updated (Month, Day, Year): January 5, 2019