Fine and Sports Turf
(3.0 credits)

**Normally Offered:** Spring semester, every other year, next offered in 2015. Instructor Dr. Richard Hurley (Adjunct Professor, Center for Turfgrass Science).

**Pre-requisites and other registration restrictions:**
11:776:304 Turfgrass Management or permission of instructor

**Format:** Two 80-minute lectures

**Description:**
This is an upper level course designed for juniors and seniors with an emphasis on use and selection of cool and warm season turf grasses and best available varieties recommended for golf course and sports field use. Classroom discussions will be encouraged on best establishment and management practices for growth, development, and maintaining sports turf.

**Learning Goals:**
- Discuss concepts of grass selection for various sports turf uses with consideration for a range of climatic conditions. Subjects to be discussed include how soil, fertility, climate, shade and other variables effect turf establishment, growth and development.
- Students will be asked to think critically about issues in sports turf and how best to develop innovative management strategies that are practical, environmentally sound and sustainable.

**Measures of Assessment:**
- 10 -12 Quizzes with approximately 20 - 25 true / false, fill in the blank, multiple choice questions.
- In addition, written reports will be assigned on selected subjects presented in class.
- Final Exam.

**Course Website:**
Choose an item or click to edit.

**Topics:**
Covers subjects including C3 / C4 turf grass differences, physiological response to temperatures, shade issues, endophytes in fescues and ryegrass, Kentucky bluegrass, fine fescues, tall fescue, bentgrass, *Poa*
annua, Poa trivialis, Poa vs. bent, warm season turfgrasses and winter overseeding, abiotic turf problems, plant growth regulators, putting green speed, fertility, seed and sod for sports fields, turfgrass seed production and seed certification.

**Required and Recommended Course materials:**
There is no required textbook for this course. Class presentations will be power point format with all lecture materials made available to students for review and study.

**Policies for Exams, Assignments, Attendance, and Grading**
Final grades based on: 40% from written assignments, 40% from weekly quizzes and 20% from the final exam.

Missed assignments and make-up quizzes / exams are expected to be made up within one week of the original due or test date.

Include grade distribution/percent value of exams and assignments; any policies on missed or late assignments and make-up exams; any policies on graded attendance, recitations sections, labs, etc.

**Other Information:**
This course uses classroom power point lectures, demonstrations, and interactive discussions. Additionally, field trips will be scheduled to a baseball stadium and garden center (to observe and critique turfgrass seed offerings for commercial sale). Students are encouraged to share their experiences in classroom discussions.