I. **TITLE:**

Fine Turf Management

II. **CATALOG DESCRIPTION:**

A detailed study of varieties of fine turfgrasses and the establishment and maintenance of fine turf, including soil and turf relationships, fertilization, drainage and irrigation.

Prerequisite: AGR 160

III. **PURPOSE:**

The purpose of this course is to acquaint students with the principles and practices which are important to the production of high quality turf on lawns, parks, golf courses, and other areas which require fine turfgrass.

IV. **COURSE OBJECTIVES:**

A. To develop an appreciation of the growth requirements, growth characteristics, and suitability of various types and cultivars of turfgrasses.

B. To develop an understanding of how certain planned and unplanned treatments to turfgrass affect turfgrass quality.

V. **CONTENT OUTLINE:**

A. Turfgrass anatomy and growth characteristics

B. Cool season turfgrasses

C. Warm season turfgrasses

D. Turfgrass communities

E. Turfgrass and the environment
   1. light
   2. temperature
   3. water
   4. soil

F. Turfgrass cultural practices
   1. establishment
   2. mowing
3. fertilization
4. irrigation
5. cultivation and thatch
G. Weed problems and their control
H. Turfgrass diseases
I. Turfgrass pests

VI. **INSTRUCTIONAL ACTIVITIES:**

A. Lectures
B. Demonstrations
C. Field trips

VII. **FIELD AND CLINICAL EXPERIENCES:**

Students will learn to be observant when analyzing existing turf for problems and their causes and analyzing specific sites for potential problems.

VIII. **RESOURCES:**

A. Campus turfgrass areas
B. University golf course
C. Private and public gold courses
D. Grounds maintenance department and equipment

IX. **GRADING PROCEDURES:**

Thirteen weekly lecture examinations of equal importance will be given during the semester plus a final exam. This will account for 36% of your grade. Your attendance, classroom participation, labs and performance on projects/reports will determine the remaining 64% of your grade.

Grading Scale:
90 – 100  = A
80 – 89.9  = B
70 – 79.9  = C
60 – 69.9  = D
Below 60  = E

Make-up policy: Make-up exams will NOT be given routinely. If unusual circumstances or illness precludes attendance on the day of an exam, it is the student’s responsibility to discuss the situation with the instructor in order to schedule a new exam. Written reports must be received on time in order for the student to receive full credit. Late work will be lowered by 10% each week it is delinquent. Work will NOT be accepted after three weeks past due date.
X. ATTENDANCE POLICY:

Please refer to the most current copy of the Murray State University’s Undergraduate Bulletin and Graduate Bulletin.

XI. ACADEMIC HONESTY POLICY:

(Adopted by the MSU Board of Regents)
Cheating, plagiarism (submitting another person’s material as one’s own), or doing work for another person which will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, term papers, or the presentation on unacknowledged material as if it were the student’s own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.

NOTE: The School of Agriculture Faculty have adopted and implemented an Academic Honesty Policy in addition to the University Honesty Policy, which can be found in the current Undergraduate Bulletin and Graduate Bulletin. The policy sets guidelines regarding acts of dishonesty and the procedure to follow should an event occur. It is each Agriculture student’s responsibility to obtain and read a copy of this document. The School’s Academic Honesty Policy can be obtained by asking for a copy from any Agriculture Faculty member or the Secretary.

XII. TEXT AND REFERENCES:


XIII. PREREQUISITES:

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XIV. **STATEMENT OF AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY:**

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).

XV. **MSU SCHOOL OF AGRICULTURE CELL PHONE POLICY**

The School of Agriculture recognizes that in today’s world cell phones are a familiar and often necessary form of communication for students.

It shall be the policy of the School that no cell phone usage shall be allowed in class and/or labs without the prior consent of the course instructor. This shall include verbal calling, incoming calls, email, text messaging, and use of cell phone calculators on tests and quizzes.

Cell phones must be kept off and out of sight (i.e. secured to a person’s belt or kept in a bag or purse away from desks and lab counters).

Should a student’s cell phone be visible, ring, or other form of unauthorized usage that is interruptive to the class or lab, the student may be asked to leave class and not return for that class/lab period.

Upon prior consent of the instructor, a student may obtain permission to have their phone on in case of an emergency or in critical family situations.

This policy also includes pagers and other electronic equipment such as blackberries and/or computers/laptops.