

TURF MANAGEMENT

Revised 8/9/2010

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COURSE NUMBER: HRT 241

PREREQUISITE(S): MAT 032, RDG 032 or Permission

CO-REQUISITE(S): None

COURSE DESCRIPTIONS This course is a study of the identification, use, culture, and maintenance of turf grasses. Emphasis is on the installation and management of turf in residential, commercial, and public areas.

TEXTBOOK(S): Emmons, Robert D. *Turfgrass Science and Management*. 4th ed. New York: Delmar, 2008.

REFERENCE(S): None

OTHER REQUIRED MATERIALS, TOOLS, AND EQUIPMENT: For Garden Maintenance Project::
1. Safety glasses – must be worn at all times!
2. Ear Plugs – must be worn when operating blower, edger, and chainsaw!
3. Work Boots – must be worn at all times!

METHOD OF INSTRUCTION: This course will be taught using class discussion, reading assignments from trade publications, field trips, and application-type exercises in lab.

GRADING SYSTEM:

90	-	100	=	A
80	-	89	=	B
70	-	79	=	C
60	-	69	=	D
Below	-	60	=	F

To receive an A for this course, a student must not receive any low ratings on the semester professional rating.

<u>GRADE CALCULATION METHOD:</u>	Quiz 1 – Types of Grasses	=	15%
	Quiz II – Turf Establishment	=	15%
	Quiz III - Turf Maintenance	=	15%
	Group Project Work – Garden Maintenance	=	20%
	Turfgrass Picture Project	=	10%
	Professional Rating	=	10%
	Lab Grade	=	15%
			100%

**ATTENDANCE
POLICY:**

Students are required to have punctual and regular attendance in all classes, laboratories, field trips, and other class activities. The College does not have an official attendance policy; except that it is the student's responsibility to withdraw from a class and a student can not officially withdraw from a class after 75% of the semester. However, attendance will be kept and therefore, the student is responsible for notifying instructors of absences and completing work missed.

In lieu of the college's no attendance policy, the horticulture department has a 75% attendance and participation requirement in order to receive a "C" or higher grade for the course. If a student exceeds this percentage of absences and thus the course work and participation, then they will not receive a "C" or higher grade for the course. This is a requirement due to the tremendous hands on learning exercises provided in all horticulture classes.

Students are tardy if not in class at the time the class is scheduled to begin. Tardy students are admitted to class at the discretion of the instructor.

If a student misses a test or an assignment, he must check with the instructor to see when he can make up the work and make arrangements to do so. The missed assignment must be made up within a week or the student receives a zero (0) for that assignment. It is up to the instructor of the course to decide whether or not an excuse for the missed assignment is acceptable.

Absences for Religious Holidays: Students who are absent from class in order to observe religious holidays are responsible for the content of any activities missed and for the completion of assignments occurring during the period of absence. Students who anticipate their observance of

religious holidays will cause them to be absent from class and do not wish such absences to penalize their status in class should adhere to the following guidelines:

1. Observance of religious holidays resulting in three or fewer consecutive absences: Discuss the situation with the instructor and provide written notice at least one week prior to the absence(s). Develop (in writing) an instructor-approved plan which outlines the make up of activities and assignments.
2. Observances of religious holidays resulting in four or more consecutive absences: Discuss the situation with the instructor and provide the instructor with written notice within the first 10 days of the academic term. Develop an instructor-approved plan which outlines the make up of activities and assignments.

**ACADEMIC
CONDUCT:**

ACADEMIC DISHONESTY: Students are expected to uphold the integrity of the College's standard of conduct, specifically in regards to academic honesty. All forms of academic dishonesty including, but not limited to, cheating on assignments/tests, plagiarism, collusion, and falsification of information will call for disciplinary action. Disciplinary action imposed may include one or more of the following: written reprimand, loss of credit for assignment/test, termination from course, and probation, suspension, or expulsion from the College. For further explanation of this and other conduct codes, please refer to the Student Handbook.

COURSE PROJECTS:

Failure to submit a project before the conclusion of the semester will result in an "F", unless the instructor concludes extenuating circumstances to be the reason. In that case, the student will receive an "I". The student must submit the project by the end of the following semester or the grade automatically becomes an "F".

CELLULAR PHONES AND PAGERS/BEEPERS: Cellular phones, pagers and beepers are not permitted to be turned on or used within the classroom. Use of these devices during classroom time will be considered a violation of the student code as it relates to "disruptive behavior."

**CLASS/LAB
PROCEDURES:**

Group Project work includes:

1. Routine maintenance and upkeep of Hort Garden Area.
2. Grass establishment in new areas of garden and Turf Plot Work.
3. Oral Presentation on Turf Picture Report. Power Point presentations are encouraged.

ACCOMMODATIONS:

Students who need special accommodations in this class because of a documented disability should notify Student Disability Services. You may contact Student Disability Services by calling, (864) 592-4811, toll-free 1-800-922-3679; via email through the Spartanburg Community College web site at www.sccsc.edu/SDS/; or by visiting the office located in the Dan Lee Terhune Student Services Building, room 112 of the Spartanburg Community College campus. By contacting Student Disability Services early in the semester, students with disabilities give the College an opportunity to provide necessary support services and appropriate accommodations

INSTRUCTOR INFO: Jason Bagwell, Office A-3, (864)592-4646, bagwellj@sccsc.edu

**COURSE
COMPETENCIES &
OBJECTIVES:**

Upon satisfactory completion of this course, the student will be able to:

- I. Identify and select warm-season turf grasses for landscape use in Upstate South Carolina.
 1. Identify turf characteristics from department turf plots.
 2. Interpret and give examples of the many uses and characteristics of warm season grasses cultivated in SC.

- II. Identify and select cool-season turf grasses for landscape use in Upstate South Carolina.
 1. Identify turf characteristics from department turf plots.
 2. Interpret and give examples of the many uses and characteristics of cool season grasses cultivated in SC.

- III. The establishment of turf by seeding, sodding, plugging or sprigging.
 1. Interpret and give examples of the recommended steps and procedures for establishing turf by seeding, sodding, plugging or sprigging.
 2. Read & discuss information from the chapters in the book that discuss establishing turf by seeding, sodding, plugging or sprigging.

- IV. Maintain turf health.
 1. Present information on understanding nutrient affects in turf and proper fertility practices with warm season and cool season turf
 2. Read in the book and discuss proper mowing requirements and practices for warm season and cool season turf
 3. Interpret and describe from lecture notes and power point slides turf weeds, insects and diseases
 4. Discuss information on identification and solutions for other common turf problems
 5. Reproduce information about proper reestablishment and renovation procedures in turf