

PLSC 441/541 – ADVANCED TURFGRASS MANAGEMENT
Spring 2021 – 1st 8 weeks

Time: Monday and Wednesday 8:00 – 9:55 AM
Location: PBB - 113

Instructor: Dr. John C. Sorochan
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Phone: 865.974.7420
Office hours: 9:55-10:55 Mo, Tu, or by appt.

Objectives:

- 1) To develop an understanding of how environmental stresses, genetics, and turfgrass management practices affect the growth, development, and physiology of turfgrasses.
- 2) How environmentally sound management practices can be altered to promote optimal turfgrass health under stress conditions.
- 3) To encourage critical thinking in regards to real world turfgrass problems.

Texts: There are no required texts for this class.

Optional Texts:

Turfgrass: Science and Culture. J.B. Beard. 1973. Prentice-Hall, Inc.
Turfgrass Ecology and Management. T.K. Danneberger. 1993. Franzak & Foster
Turfgrass Soil Fertility and Chemical Problems. R.N. Carrow, D.V. Waddington, and P.E. Rieke. 2001. Ann Arbor Press (now Wiley Press).

Grading:

- Grades will be based on exams, quizzes, assignments, and in class exercises.
- Quizzes and assignments will be announced during lecture times.

Grading scale (%):

Grade	Percent		Grade	Percent
A	> 93%		C	73 – 76%
A -	90 – 92%		C-	69 – 72%
B+	87 – 89%		D+	64 – 68%
B	83-86%		D	61 – 63%
B-	80 – 82%		D-	58 – 61%
C+	77 – 79%		F	< 58%

Advanced Turf Management**Proposed Lecture Schedule: Spring 20201**

Date	Lecture	Topic
1-20	1	Turfgrass Photosynthesis & Respiration
1-25	2	Shade Stress: Physiology & Management
1-27	3	Temp Stress Physiology
2-1	4	Turfgrass Water Relations
2-3	5	Cool – Season Putting Green Management
2-8	--	Exam 1 (Lectures 1 – 4)
2-10	6	Cool – Season Putting Green Management
2-15	7	Warm – Season Putting Green Management
2-17	8	Warm – Season Putting Green Management
2-22	--	Exam 2 (Lectures 6 – 11)
2-24	9	Liquid and Foliar Fertilization
3-1	10	Overseeding & PGRs
3-3	11	TBD
3-8	--	Exam 3 (Lectures 6 – 11)

NOTE: Lectures are not final, and are likely to change as the semester progresses.

POLICIES!!!!

Lecture notes/outline: Students are responsible for taking their own lecture notes. An outline will also be provided on Blackboard to download prior to each lecture.

Late assignments: Lose 50% of points; not accepted if more than 2 days late.

Missed quizzes/exams: No makeup exams or quizzes will be scheduled except for extremely extenuating circumstances (e.g., death in family). No makeup quizzes will be allowed for lecture.

Class participation: Class participation is encouraged and may help decide borderline grades in the students' favor.

Academic honesty required: At no time will cheating on quizzes/exams be tolerated. Depending on the situation, the quiz/exam may receive zero points, the student may be asked to leave the class, or the student may be subjected to further disciplinary action at the university level (e.g., hearing with possible dismissal from the university). Plagiarism is a crime in addition to being academically dishonest and will not be tolerated. Plagiarism can be committed unintentionally by quoting or copying others' works without providing the proper credit (literature citations). Ask me for help if you are unsure about plagiarism.

Cell Phones: Please turn off, and refrain from text messaging.

"This syllabus is subject to change. The most current course syllabus will be available within the Course Canvas site."

"Unusual circumstances may result in a change of teaching modality."

SOCIAL DISTANCING & COVID-19 PROCEDURES:

Students are required to wear face masks at all times and maintain social distancing (6 feet between individuals in traditional classrooms, or, in instructional laboratories and similar settings, only a few minutes in closer proximity when absolutely necessary to achieve learning objectives). Students who are feeling ill or experiencing symptoms such as sneezing, coughing, or a higher than normal temperature will be excused from class and should stay at home.

Instructors have the right to ask those who are not complying with these requirements to leave class in the interest of everyone's health and safety. In the event that a student refuses to comply with these requirements, the instructor has the right to cancel class.

Additionally, following other simple practices will promote good health in and out of the classroom, such as frequent and thorough hand washing, wiping down desks and seats with disinfectant wipes whenever possible, not sharing personal items such as pens and cell phones, and avoiding crowded hallways and other enclosed spaces.

The Volunteer Creed reminds us that we bear the torch in order to give light to others. As Volunteers, we commit to caring for one another and for the members of the communities in which we live, work, and learn. This semester, the University asks that we all demonstrate the Volunteer spirit by following these and other health guidelines and requirements.