

Course Information

Professor: Dr. William Johnston
213 Johnson Hall
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Instructor: Matt Williams
213A Johnson Hall
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Text: Fundamentals of Turfgrass Management, 2007 3rd edition, author Nick Christians

General Scope and Rationale: This course is designed to relate to the student major features of the turfgrass ecosystem, interactions between ecosystem components, and the principles of establishment and management of turf for lawns, play fields, parks, cemeteries, and golf courses.

Objectives: The student will demonstrate an understanding or knowledge of:

- 1. The role of turfgrass in the landscape and the history of turfgrass culture and research.
2. The characteristics of the major warm- and cool-season turfgrasses.
3. Cultural practices in turfgrass management.
4. "Why" certain management practices are performed.
5. Problems encountered in turfgrass management and correction options.
6. This is a writing in the major course [M]; term papers and discussion of topics will be required.

Grading: Course grades will be computed on a basis of 700 total points with the following breakdown (additional points may be added at the discretion of the instructor/TA):

Table with 2 columns: Assessment type and Points. Rows include: 2 one-hour lecture exams @ 100 points = 200 points; 1 final lecture exam @ 100 points = 100 points; 2 laboratory exams @ 100 points = 200 points; 2 term papers / discussions @ = 200 points.

Table with 3 columns: Grade and Percentage ranges. Rows include: A = 93% and above, B- = 80-82%, D+ = 67-69%; A- = 90-92%, C+ = 77-79%, D = 60-66%; B+ = 87-89%, C = 73-76%, F = below 60%; B = 83-86%, C- = 70-72%.

No curving of grades will be done. Missed exams may be made up at the discretion of the instructor, provided a "valid" reason is presented. All exams will include essay/discussion type questions and specific objective questions covering lecture and assigned reading materials.

eLearning: Log on to eLearning on the WSU web site to access current course material, past lecture and lab exams, course announcements, grades, etc. Check the site frequently.

Field Trip: A mandatory all-day field trip is scheduled for Thursday October 1.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Disability Resource Center (DRC). All accommodations MUST be approved through the DRC (Admin Annex Bldg, Room 205). Please stop by or call 509-335-3417 to make an appointment with a disability specialist.

**Crop Science 301  
Laboratory Outline:**

**Turfgrass Culture**

**Fall 2009**

Thursday 1:10 to 4:00 PM  
204 Johnson Hall

Professor: Dr. William Johnston  
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335-3620 (office)  
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Date	Topic
Aug. 27	Turfgrass and Agronomy Research Center visit (TARC Turf Plots)
Sept. 3	Term paper [M]-course workshop I
Sept. 10	Irrigation (Palouse Ridge Golf Club)
Sept. 17	Calibration (TARC Turf Plots)
Sept. 24	Turfgrass equipment (Palouse Ridge Golf Club)
Oct. 1	<b>Field Trip</b>
Oct. 8	Review session
Oct. 15	<b>Exam 1</b>
Oct. 22	Term paper [M]-course workshop II
Oct. 29	Turfgrass seed and vegetative identification
Nov. 5	Turfgrass seed and vegetative identification
Nov. 12	Turfgrass seed and vegetative identification
Nov. 19	<b>Exam 2</b>
Nov. 26	Thanksgiving Break
Dec. 3	Term paper discussion
Dec. 10	Term paper discussion

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Note: Laboratory schedule may change due to weather conditions and guest speaker availability.  
Term papers and discussion/debate are part of laboratory grade.

**Crop Science 301**  
**Lecture Outline:**

**Turfgrass Culture**

**Fall 2009**

Lecture  
Tuesday and Thursday  
10:10 AM– 11:00 AM  
204 Johnson Hall

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Lecture No.	Text Chapter	Topic
1	1	Introduction to turfgrass culture
2		Turfgrass history and scope of the industry
3-4	2	Botanical characteristics of turfgrasses
5		Turfgrass regions of the U.S.
6-9	3	Cool-season turfgrass species characteristics
10	4	<b>EXAM 1 September 24</b>
11		Warm-season turfgrass species characteristics
12		<b>Field Trip Thursday October 1</b>
13-15		Warm-season turfgrass species characteristics
16		Turfgrass environment
17-18	5, 6	Turfgrass establishment
19		Modified turfgrass rootzones
20	7	Fertilization
21		<b>EXAM 2 November 3</b>
22	8	Mowing
23	9	Irrigation
24-25	10	Turfgrass soil, cultural, and environmental problems
26	11	Weed control
		<b>Thanksgiving Break November 23-27</b>
27	12	Insects
28-29	13	Diseases
30	p. 91-93	Turfgrass renovation
		<b>EXAM 3 Wednesday December 16; 10:10 AM - Noon</b>

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## Academic Integrity Policy Changes

The Faculty Senate proposed and the Board of Regents approved new Academic Integrity procedures beginning academic year 2007-2008. The policy requires instructors to inform students of suspected violations as well as information about how to appeal an allegation of dishonesty. In addition to the penalty assigned by the instructor, students will be required to attend a workshop for first time violations. Further violations will be referred to the University Conduct Board and can have significant consequences, including dismissal from the University.

For additional information click on Academic Dishonesty at:

<http://www.conduct.wsu.edu/>

Crops 301 2009/Course Information 2009