

Turfgrass Management
Agronomy/Horticulture 377
Fall 2009

Lecture 2:35-3:50pm, Tuesdays, Gerald Thomas Hall room 200
Lab/Field Trips 2:35-6pm Thursdays, Locations TBA

Course Objectives The objective of this class is to provide a comprehensive overview of the science and art of modern Turfgrass management. Areas covered will include plant identification, uses and adaptations; cultural practices; fertility; irrigation; pest and disease identification and control. In addition we will try to provide the student with sources of information for future study and/or problem solving.

Instructor Bruce Erhard, Superintendent NMSU Golf Course
Office-NMSU Golf Course, Maintenance Facility
Phone- (575) 646-3119
Fax- (575) 646-8128
e-mail- berhard@nmsu.edu

Office Hours 8-9:30 am, MWF Golf Course Maintenance Facility
2-2:30 pm TTH Gerald Thomas Hall 200
My usual work hours are M-F 6 am-2:30 pm at the golf course. Feel free to call or drop by at any time during those hours. If a lengthy consultation is required please make an appointment for both of our convenience. In addition I check my e-mail every weekday morning and will respond promptly. Please check your campus e-mail frequently as I may contact you via that method. Please do not hesitate to contact me for any reason. Your success as a student is my primary goal and I look forward to assisting you. Remember, any problem can be solved.

Instructor's Background BS Agriculture, Horticulture major, NMSU 1975.
I worked on Main Campus Grounds NMSU from 1972-75; as a landscape contractor with Jordan & Nobles Construction in El Paso from 1975-78; as Golf Course Superintendent at NMSU from 1978-88 and 1998-present (public golf); at Coronado Golf and CC in El Paso from 1988-94 (private golf); and with American Golf Corp. in the greater Los Angeles area at Brookside and San Dimas Canyon Golf Courses from 1995-98 (mgt. company operated public golf).
I am a Past President of the NMSU Horticulture Forum; the Rio Bravo Golf Course Supt. Assoc.; the New Mexico GCSA and the Southwest Turfgrass Assoc. I have been a member of the Golf Course Supt. Assoc. of America for 28 years and a Certified Golf Course Supt. for 10 years. Due to my background this class will be taught largely from a practitioner's point of view.

Text **Best Golf Course Management Practices**, 1st or 2nd edition, L.B.McCarty, Prentice-Hall, 2001. Supplementary reading material will be given in class periodically.

Code of Conduct Please see the Student Code of Conduct in the Student Handbook.
[Http://www.nmsu.edu/Campus_Life/uspa/public_html/SCOC/index.html](http://www.nmsu.edu/Campus_Life/uspa/public_html/SCOC/index.html) Pay particular attention to section III.B Academic Misconduct. Academic Misconduct or plagiarism will not be tolerated and will result in severe penalties including an F in the class.

Disabilities

If you have, or believe you have, a disability and would benefit from any accommodation(s), you may wish to self-identify by contacting the Services for Students with Disabilities (SSD) Office located at Garcia Annex (phone: 646-6840; TTY: 646-1918) to register. All medical information will be treated confidentially. If you have already registered, please make sure your instructor receives a copy of the accommodation memorandum from SSD within the first two weeks of classes. It will be your responsibility to inform your instructor or SSD representative (in a timely manner) if the services/accommodations provided are not meeting your needs.

If you have a condition that may affect your ability to exit safely from the premises in an emergency or that may cause an emergency during class, you are encouraged to discuss any concerns with the instructor and/or Mr. Michael Armendariz, SSD Coordinator (646-6840).

Feel free to call Ms. Angela M. Velasco, EEO/ADA Coordinator, at 646-3635 with any questions about the Americans with Disabilities Act (ADA), and/or Section 504 of the Rehabilitation Act of 1973.

Exams and Grading

3 exams @ 20% ea.	60%
1 comprehensive final exam	25%
Quizzes/assignments best 4 of 6	15%

One exam and at least two quiz/assignments will be given and graded prior to 10/14/2009 (last day to drop with a W). The final exam is **not** optional. Attendance will be taken at most sessions of the class. It will be very difficult to successfully complete this class without regular attendance and participation.

Extra Credit Work

All students are encouraged to write a brief, 3-5 paragraph, review on any turf related site you may independently visit during the term. You must include the name, location, types of grasses used and an evaluation of the condition of the facility. These reports may affect borderline grades and may, at my option, replace missed quiz/assignments. A maximum of 5% total can be earned with extra credit reports at a rate of 1% per report.

Grade Scale

90-100%= A
 80-89%= B
 70-79%= C
 60-69%= D
 less than 60% or excessive absence = F

Lecture and Lab/Field Trip Schedule

The schedules provided are tentative and subject to change. Any changes will be provided as soon as they are known. The exact location and directions to the site of labs/field trips will be given in the class prior to the lab and will be e-mailed to you 24 hours prior to class. If you miss class it is your responsibility to contact me for directions.

Lecture and Exam Schedule

All lectures and exams will be held in Gerald Thomas Hall, room 200 unless otherwise noted.

Lecture #	Date	Subject	Chapters
1	8/20/2009	Overview, uses, history	1
2	8/25/2009	Turf quality, morphology	1
3	9/1/2009	Growth and development	1, 2
Lab #2	9/8/2009	Aerification and Topdressing	NMSU Golf Course
4	9/10/2009	Growth & development	1, 2
5	9/15/2009	Cool season species	1
Thursday	9/17/2009	Exam # 1	
6	9/22/2009	Warm season species	1
7	9/29/2009	Atmospheric environment	2
8	10/6/2009	Soil environment	3-6
Thursday	10/8/2009	Exam #2	
	10/13/2009	No class today due to SWTA Meetings, Ruidoso, NM	
9	10/20/2009	Nutrients	10-12
10	10/27/2009	Fertility management	10-12
11	11/3/2009	Weeds, insects and disease	21-27
12	11/10/2009	Mowing and cultivation	16
Thursday	11/12/2009	Exam #3	
13	11/17/2009	Irrigation and drainage	13-15
	11/23-27/2009	No classes, Fall Holiday	
14	12/1/2009	Sports Turf	
15	12/3/2009	New Developments in turf, final exam review	
Thursday	12/10/2009	Comprehensive Final Exam 3:30-5:30pm	

Lab/Field Trip Schedule

Lab#	Date	Location	Subject
1	8/27/2009	NMSU GC	Equipment and terminology
2	9/3/2009	Fabian Garcia Farm	Turfgrass ID & quality
3	9/8/2009	NMSU GC	Aerification and topdressing
Thursday	9/17/2009	Exam # 1	
4	9/24/2009	NMSU GC	Turfgrass ID & overseeding
5	10/1/2009	Sonoma Ranch GC	Cool season & native grasses
Thursday	10/8/2009	Exam#2	
	10/15/2009	No Class Today due to SWTA Meetings	
6	10/22/2009	New Las Cruces CC	New golf course construction
7	10/29/2009	El Paso CC	Private Club Mgt
8	11/5/2009	Presley Askew Field	Sports turf
Thursday	11/12/2009	Exam #3	
9	11/19/2009	NMSU GC	Irrigation
	11/23-27/2009	No classes, Fall Holiday	
Thursday	12/10/2009	Comprehensive Final Exam 3:30-5:30pm	

Student Profile and Survey

1. Name

2. Major

3. Class

4. Hometown, State & Country

5. Are you a golfer at any level?

6. Previous turfgrass or landscape work experience

7. Previous Agriculture classes

8. Previous Biology or Chemistry classes

9. List any areas you want this class to cover.