

Ornamental Landscape Management

ORH4236C

3 credits

Spring 2015

Instructor: Brian Pearson
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Office Hours: Physical office hours: by appointment. Virtual office hours: Tuesdays, 1:30pm-2:30pm or by appointment (Skype: pearsonbrianj)

Prerequisite Knowledge and Skills: ORH3222C Turfgrass Culture; Navigation and use of Canvas (https://lss.at.ufl.edu/help/Main_Page) & (<https://lss.at.ufl.edu/help/Basic>)

Course Communications: If you have any questions or concerns **please do not hesitate to contact me** via e-mail or phone. I will respond within 24 hrs. M-F and within 72 hrs. on weekends. **My preferred method of communication is email.** If I will be out of the office, I will notify students prior via the course website. You may also choose to post your question(s) on the course discussion board. I review all discussion posts and provide additional feedback.

Course Website: <http://lss.at.ufl.edu>

For issues with technical difficulties for E-learning in Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

** Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Required Text: Hensley, D. L. 2010. *Professional Landscape Management*. Champaign, IL: Stipes Publishing, L.L.C. (ISBN# 1588749509)

All additional reading materials will be posted with each lecture on the course website. Please refer to the [tentative course schedule](#) for the list of reading assignments.

Additional Resources (not required):

Black, R. J., and K. C. Ruppert. 1998. *Your Florida Landscape*. Gainesville: University Press of Florida.

Course Description: This online undergraduate level course provides an in-depth examination of procedures and skills necessary for successful professional landscape management. This course is divided into two modules. *Module One* focuses on business management practices, while *Module Two* focuses on landscape management techniques. Sustainable landscape management practices are discussed throughout the course. A field trip which provides interaction with the instructor, your classmates, and landscape management professionals will provide valuable insight into commercial landscape management practices.

Catalog Description: To provide students with foundational knowledge and the skills needed to successfully manage and maintain residential and commercial landscapes. Additionally, this course provides students with a greater understanding of the landscape management industry and familiarizes students with sustainable landscape management techniques.

Course Goals and/or Objectives:

By the end of this course, students will:

- Identify components of a successful landscape management marketing strategy
- List professional industry associations
- Distinguish and describe components of a landscape management contract
- Calculate and prepare a landscape maintenance bid
- Describe methods to manage personnel and foster an effective workplace
- List procedures to identify, select, and acquire necessary landscape maintenance equipment
- Discuss the importance of landscape design and its implications for landscape maintenance techniques and strategies
- Identify proper pruning techniques and use of equipment
- Distinguish unique attributes of palm management in the landscape
- Describe water management techniques and practices to increase irrigation use efficiency
- Discuss the use of fertilizer and application techniques
- Calculate fertilizer and pesticide application rates
- Describe bed preparation and plant installation techniques
- Describe management strategies for annuals, herbaceous perennials, & ornamental grasses in the landscape
- Interpret pesticide labels and describe the components of the Worker Protection Standard
- Discuss the importance of sustainable landscape management practices and the need for environmental stewardship

- Identify Florida-Friendly Best Management Practices
- Describe sustainable landscape management practices and techniques

How This Course Relates to the Student Learning Outcomes in the Plant Science major:

This course provides students with an understanding of the abiotic and biotic factors that influence plant growth and management. Students will develop knowledge of environmentally sound practices through examination of Florida-Friendly Best Management Practices and sustainable landscape management techniques. This course will require students analyze and apply science-based data to solve plant management challenges and problems.

Course Attendance & Policies:

Attendance & Assignments: This is an online course with weekly lectures. The week begins on Monday and ends on Sunday. Each week students will have a reading assignment, a narrated lecture and either homework, discussion, or challenge assignment. Students should read the textbook and any other required readings and then review the online lecture. After the student has completed the lecture, they should either complete the homework, discussion, or challenge assignment (links to assignments are under the assignment tab on the left of the course website; discussions should be posted under the discussion tab). Assignments will be accepted up to four days after the due date but will be marked down five points. Assignments will be a mixture of asynchronous discussion (discussion threads and/or VoiceThread), uploaded essay responses, and group-based projects. You are expected to interact with classmates for most assignments in a polite, and professional manner. Please remember to display proper netiquette (see “Netiquette: Communication Courtesy” section below for more information).

Quiz Policy: Quizzes will be given during the semester on the dates given on the topic outline. Quizzes will cover the material in the lecture preceding the exam. Make-up exams will only be given to students with an excused absence

Late Assignments & Make-up Policy: As previously stated, assignments will be accepted up to four days after the due date, however, a five point grade penalty will be assessed. Make-up quizzes will only be given to students with an excused absence. The University of Florida defines an excused absence as: death in the family; Illness; car accident; act of God (hurricanes happen in FL); or prior notification to instructor of absence. All require proper documentation. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Course Technology: The accepted format for all assignments is MS Word files. If there is a malfunction with the class site or computer malfunctions occur, assignments may be

emailed or sent via fax. It is the obligation of the student to inform me of such malfunctions immediately.

Online Course Evaluation Process: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <http://evaluations/ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://distance.ufl.edu/student-complaints> for more details.

Grading & Assignments:

See [schedule](#) for assignment dates. The week begins on Monday and ends on Sunday. All assignments need to be completed and submitted by the end of each week (Sunday, 5pm, Eastern time zone).

Assignments need to be completed in MS Word format and submitted through Canvas. If there is a malfunction with the course website, you may submit assignments via email. If an error occurs with the website, it is the responsibility of the student to contact the instructor immediately.

*All final grades are based on the number of points earned out of the total number of point (total possible points = 550).

Assignment	Points or percentage
Module 1	
2 quizzes	50 points (2 x 25 points)
2 challenge questions	50 points (2 x 25 points)
1 homework assignment	50 points
Module 2	
4 quizzes	100 points (4 x 25 points)
4 challenge questions	100 points (4 x 25 points)
2 homework assignments	100 points (2 x 50 points)
1 semester project	100 points

Quizzes: Six quizzes will be given throughout this course. Quizzes will be administered via Canvas using the “Quizzes” tool. Quizzes will be available for 48 hours beginning on the date listed on the [schedule](#). Once you begin, you will have 30 minutes to complete the quiz.

Challenge questions: Six challenge questions will be given throughout this course. Challenges will be issued on Monday at 8 am ET and will be due by Sunday 5 pm ET.

Homework assignments: Three homework assignments will be issued throughout this course. Homework must be submitted by 5 pm Sunday ET. Homework assignments should be well written and clearly address the issue or question being discussed. Homework will be graded on quality and timeliness according to the rubric provided with the assignment.

Semester project: A semester project will be assigned during the course. Students will be provided with a landscape plan. The plan will show locations of plants, but without labels. You will be responsible for selecting plant material based upon site conditions (provided) and develop an annual maintenance schedule beginning with the installation of plant materials. The maintenance schedule should include all inputs (i.e., water, fertilizer, pesticides, herbicides, trimming, mowing, etc.). The semester project must be submitted by Sunday at 5 pm ET the last week of course (4/26/15). The assignment should be well written. Additional details of the semester project can be found via the Canvas “Assignments” tool.

Grading Scale: The following grading scale will be used for this course:

Percentage of Points
94-100 A (517-550 points)
90-93 A- (495-516 points)
86-89 B+ (473-494 points)
83-85 B (456-472 points)
80-82 B- (440-455 points)
76-79 C+ (418-439 points)
74-75 C (407-417 points)
70-72 C- (385-406 points)
66-69 D+ (363-384 points)
63-65 D (347-362 points)
60-62 D- (330-346 points)
59-below E (0-329 points)

For information on current UF policies for assigning grade points see:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Tentative Course Schedule

Module	Week	Date	Topic	Reading
1: Landscape Business	1	1/6/15	Introduction to Landscape Management	EDIS FE566: Economic Impacts of the Green

Management Practices				Industry in the United States; BMP Manual Chp. 1	
	2	1/12/15	Clients, Marketing, and Professional Certification Programs	EDIS AEC363: Reaching Diverse Homeowner Audiences with Environmental Landscape Programs: Comparing Laws Service Users and Nonusers	
		1/18/15	Challenge Question #1 Due		
	3	1/20/15	Landscape Management Contracts	EDIS ENH1080: Florida-Friendly Landscaping Guidelines Community Associations Can Use to Select a Landscape and Write and Effective Landscaping Contract	
		1/23/15	Quiz #1 Posted (due 1/25/15)		
	4	1/26/15	Estimating	Hensley Chp. 4	
	5	2/2/15	Personnel Management	Hensley Chp. 5	
		2/8/15	Challenge Question #2 Due		
	6	2/9/15	Equipment Selection & Acquisition	Hensley Chp. 6	
		2/13/15	Quiz #2 Posted (due 2/15/15)		
		2/15/15	Homework Assignment #1 Due		
	2: Landscape Management Techniques	7	2/16/15	Landscape Design and Management	EDIS ENH1181: Twenty-Two Ideas for a Low-Care, Low-Cost Landscape; EDIS ENH1156: Right Plant, Right Place: The Art and Science of Landscape Design; BMP Manual Chp. 2
8		2/23/15	Pruning	Hensley, Chp. 145; EDIS ENH1022: Pruning Shade Trees in Landscapes: A Plan for Training Shade Trees; BMP Manual Chp. 4	
		2/27/15	Quiz #3 Posted (due 3/1/15)		
		3/1/15	Challenge Question #4 Due		
9		3/9/15	Palms	EDIS ENH1077: Normal "Abnormalities" in Palms; EDIS PP-222: Lethal	

			Yellowing (LY) of Palm; EDIS ENH1009: Fertilization of Field-grown and Landscape Palms in Florida
	3/15	Homework Assignment #3 Due	
10	3/16/15	Water Management	Hensley, Chp. 9; BMP Manual Chp. 3
	3/22/15	Challenge Question #3 Due	
11	3/23/16	Fertilizing	Hensley Chp. 7; BMP Manual Chp. 5
	3/27/15	Quiz #4 Posted (due 3/29/15)	
12	3/30/16	Pest Management	Hensley Chp. 13; BMP Manual Chp. 6
	4/5/15	Challenge Question #5 Due	
13	4/6/15	Commercial Color, Plant Installation, Maintenance, and Leaf & Debris Removal	Hensley Chp. 11; EDIS CIR1134: Gardening with Annuals in Florida
	4/10/15	Quiz #5 Posted (due 4/12/15)	
14	4/13/15	Pesticide Application and Management	EDIS PI-7: Licensing of Lawn and Ornamental Pesticide Applicators in Florida; EDIS PI-177: Professionalism and Pesticides: Public and Customer Communications
	4/19/15	Homework Assignment #4 Due	
15	4/20/15	Sustainable Landscape Management Practices	Hensley Chp. 16; EDIS ENH1163: Landscape Elements for a Florida-Friendly Yard;
	4/22/15	Quiz #6 Posted (due 4/26/15)	
	4/26/15	Semester Project & Challenge Question #6 Due	

UF Policies:

Academic Honesty: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: ***“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”*** You are expected to exhibit

behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: ***"On my honor, I have neither given nor received unauthorized aid in doing this assignment."***

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

Services for Students with Disabilities: The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation

0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Software Use: All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575,

www.counseling.ufl.edu/cwc/

Counseling Services

Groups and Workshops
Outreach and Consultation
Self-Help Library
Wellness Coaching

Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Other resources for distance students are available at <http://www.distance.ufl.edu/getting-help> for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

Should you have any complaints with your experience in this course please visit <http://www.distance.ufl.edu/student-complaints> to submit a complaint.

Netiquette: Communication Courtesy: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. [Describe what is expected and what will occur as a result of improper behavior – <http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf>

Netiquette (short for "network etiquette" or "Internet etiquette") is a set of social conventions that facilitate interaction over networks, ranging from Usenet and mailing lists to blogs and forums (as defined by Wikipedia).

Adapted from Rules of Netiquette (<http://www.albion.com/netiquette/corerules.html>)

1. REMEMBER THE HUMAN Never forget that the person reading your mail or posting is, indeed, a person, with feelings that can be hurt.
- 2: ADHERE TO THE SAME STANDARDS OF BEHAVIOR ONLINE THAT YOU FOLLOW IN REAL LIFE
- 3: KNOW WHERE YOU ARE IN CYBERSPACE
- 4: RESPECT OTHER PEOPLE'S TIME AND BANDWIDTH
- 5: MAKE YOURSELF LOOK GOOD ONLINE Check grammar and spelling before you post; Know what you're talking about and make sense; Do not post flame-bait.
- 6: SHARE EXPERT KNOWLEDGE
- 7: HELP KEEP FLAME WARS UNDER CONTROL Flame is a personal attack. It is possible to disagree without attacking the person. Use emoticons and acronyms to convey emotion to avoid misunderstanding
- 8: RESPECT OTHER PEOPLE'S PRIVACY
- 9: DON'T ABUSE YOUR POWER
- 10: BE FORGIVING OF OTHER PEOPLE'S MISTAKES

Critical Dates

- 1/18/15 Challenge Question #1 Due
- 1/23/15 Quiz #1 Posted (due 1/25/15)
- 2/8/15 Challenge Question #2 Due
- 2/13/15 Quiz #2 Posted (due 2/15/15)
- 2/15/15 Homework Assignment #1 Due
- 2/27/15 Quiz #3 Posted (due 3/1/15)
- 3/1/15 Challenge Question #4 Due
- 3/15/15 Homework Assignment #3 Due
- 3/22/15 Challenge Question #3 Due
- 3/27/15 Quiz #4 Posted (due 3/29/15)
- 4/5/15 Challenge Question #5 Due
- 4/10/15 Quiz #5 Posted (due 4/12/15)
- 4/19/15 Homework Assignment #4 Due
- 4/22/15 Quiz #6 Posted (due 4/26/15)
- 4/26/15 Semester Project & Challenge Question #6 Due

Disclaimer: This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.