

Hort 384 Landscape Management Spring 2018 "Subject to Change"

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Class Time: Mon, Wed, Fri 11:00 – 11:50, Knoblauch 305

Required Text: none.

Course Objectives: At the completion of this course, the student will be able to;

1. Recognize and practice best landscape management practices
2. Develop a landscape management plan
3. Complete common landscape calculations, i.e. fertilizer, mulch and compost quantities, pond liner and pond volume.
4. Understand and develop an IPM program for a landscape
5. Understand and practice sustainable soil management practices
6. Understand planting and pruning principles for woody plants
7. Understand how to plant and care for perennials , ornamental grasses and annuals in the landscape
8. Make informed decisions regarding weed control and invasive plant management
9. Understand the management of water features in the landscape
10. Estimate landscape management services and understand bidding and service contracts.

II. University Policies and Expectations

Student rights and responsibilities: A complete description is available at www.wiu.edu/provost/students.

Disruptive Student Policy: Students who interfere with normal class function or the ability of other students to learn may be asked to leave the class for the day. For repeated offenses, a student may be removed from the course. Details may be found at: <http://www.wiu.edu/vpas/policies/disrupst.php>

Two dismissals due to disruptive or unprofessional behavior will result in a permanent disbarment from the course and a final grade of "F" will be assigned.

ADA Compliance: "In accordance with University policy and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. For the instructor to provide the proper accommodation(s) you must obtain documentation of the need for an accommodation through Disability Resource Center (DRC) and provide it to the instructor. It is imperative that you take the initiative to bring such needs to the instructor's attention, as he/she is not legally permitted to inquire about such particular needs of students. Students who may require special assistance in emergency evacuations (i.e. fire, tornado, etc.) should contact the instructor as to the most appropriate procedures to follow in such an emergency. Contact Disability Resource Center (DRC) at 298-2512 for additional services."

Academic Integrity: <http://www.wiu.edu/policies/acintegrity.php> Western Illinois University, like all communities, functions best when its members treat one another with honesty, fairness,

respect, and trust. . . It is the student's responsibility to be informed and to abide by all University regulations and policies on Academic Integrity. Plagiarism, cheating, and other forms of academic dishonesty constitute a serious violation of University conduct regulations. Students who engage in dishonesty in any form shall be charged with academic dishonesty. . . Any student, faculty member, or staff person who has witnessed an apparent act of student academic dishonesty, or has information that reasonably leads to the conclusion that such an act has occurred or has been attempted, has an ethical responsibility for reporting said act(s).

The policy for AGRN 374: Any confirmed act of academic dishonesty (especially plagiarism or cheating) will result in the loss of all points associated with that assignment, and may result in an "F" for the course.

Equal Opportunity: <http://www.wiu.edu/policies/affirmact.php> Western Illinois University complies fully with all applicable federal and state nondiscrimination laws, orders, and regulations. The University is committed to providing equal opportunity and an educational and work environment for its students, faculty, and staff that is free from discrimination based on sex, race, color, sexual orientation, gender identity and gender expression, religion, age, marital status, national origin, disability, or veteran status.

Sex-Discrimination and Misconduct: University values, Title IX, and other federal and state laws prohibit sex discrimination, including sexual assault/misconduct, dating/domestic violence, and stalking. If you, or someone you know, has been the victim of any of these offenses, we encourage you to report this to the Title IX Coordinator at 309-298-1977 or anonymously online at: http://www.wiu.edu/equal_opportunity_and_access/request_form/index.php. If you disclose an incident to a faculty member, the faculty member must notify the Title IX Coordinator. The complete Title IX policy is available at: <http://www.wiu.edu/vpas/policies/titleIX.php>

Disabilities: Students with disabilities: In accordance with University values and disability law, students with disabilities may request academic accommodations where there are aspects of a course that result in barriers to inclusion or accurate assessment of achievement. To file an official request for disability-related accommodations, please contact the Disability Resource Center at 309-298-2512, disability@wiu.edu or in 143 Memorial Hall. Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.

Education Majors: The state teaching license requires all education majors to receive a grade of a "C-" or better in this course in order to meet its requirements. A grade below a "C-" will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

III. Course Expectations and Policies

1. Live the Golden Rule. Treat others with respect and courtesy in your conversation and actions. Turn off and put away electronic devices (phones, tablet computers, laptop computers, etc.) during the class period unless directed to use them for class activities. Inappropriate use of an electronic device will result in loss of participation points for that day.
2. Show up. Attendance and punctuality is expected. Notify the instructor in advance if you have any reason to miss a class period through the O.A.R.S system (<http://wiu.edu/oars>). A minimum of 24 h notice (email or phone) is required if there is any cause to miss a quiz or exam. If you do miss a class, do not ask the instructor "Did I miss anything important?" It is your responsibility to make arrangements to get the information you missed and to make up any missed assignments.
3. Participate. Be prepared for class discussions by completing readings, answering questions, taking notes, asking questions, and working effectively with other students on lecture and laboratory activities.
4. Study. You should plan to spend a minimum of 5 hours outside of class each week to master the material. Reading assignments relating to each lecture/lab will be particularly beneficial.

5. Complete assignments. Assignments not turned in on the assigned date may have 10% of the total potential points deducted for each day after the due date. The instructor will generally return exams and assignments within 1 week.
6. The use of tobacco is prohibited in Knoblauch Hall, nor is it allowed during sessions at the AFL.
7. Students must wear sturdy, close-toed to participate in lab sessions at the AFL. The wearing of long pants is highly recommended.

IV. Grading

<u>Grade components</u>	<u>Portion*</u>
Attendance	10%
Participation	10%
Assignments	30%
Quizzes and Final Exam	50%

**These percentages are subject to modification. However, changes will be discussed during a class lecture prior to being implemented.*

Grading Scale

<u>Percentage</u>	<u>Grade</u>	<u>Percentage</u>	<u>Grade</u>
93.0-100	A	73.0-76.9	C
90.0-92.9	A-	70.0-72.9	C-
87.0-89.9	B+	67.0-69.9	D+
83.0-86.9	B	63.0-66.9	D
80.0-82.9	B-	60.0-62.9	D-
77.0-79.9	C+	<59.9	F

V. Learning Assessment

Attendance: Attending class is required and will improve your ability to learn the material and to contribute to the classroom community. 10% of the final grade will be earned through attendance. Each student will be allowed 2 "vacation" days (for funerals, interviews, oversleeping, etc). More than 2 "vacation" absences will result in the loss of attendance percentage points (2 points per absence). Absence for WIU-sanctioned activities (i.e., team travel, presenting at conferences, etc.) will not count against "vacation" days. Absence due to illness will be evaluated on a case-by-case basis and will not count against the vacation days. Students who accumulate 9 or more "vacation days" will NOT receive a passing grade.

Participation: Each student will receive points based on their preparedness for class lectures and discussions. Readings/exercises will be assigned prior to many lectures. The expectation is that you will have completed those activities so you are prepared to participate in class discussion and application of the material. Preparedness may be evaluated through pop-quizzes, reading quizzes at Western Online, and contributions to discussions or in-class activities. You will be expected to make comments.

Assignments: There will be assignments associated with lecture topics and in labs that will be designed to help you better understand the material and benefit from resources you can use after you graduate from WIU.

Quizzes and Final Exam: A 20-30 question quiz will be given at least once every three weeks. Quizzes will include multiple choice, fill in the blank, true-false, matching and short essay questions and may cover material discussed in lecture or lab. The final exam will be comprehensive, and will include multiple choice, matching, fill in the blank, true-false and short essay questions.

Hort 384**Lecture Schedule “subject to change”****Spring 2018**

Date	Lecture	Assignment
1/20	Class intro, syllabus	
1/22	Review of plant physiology	
1/25	Further review and Plant growth regulators	
1/27	Soil and water interactions and the landscape	
1/29	Soil and water interactions and the landscape Soil sampling and soil compaction exercise	Bring to class a picture of an urban landscape exhibiting either soil compaction or soil erosion issues 10pt
2/1	Field trip to soils lab	
2/3	Quiz 1	50 pt
2/5	Sexual vs vegetative propagation in the landscape industry	Bring to class an example of one common landscape plant veg propagated and one sexually propagated. 10 pt
2/8	Landscape Nursery Production	Introduction of landscape mgmt project
2/10	Growth Momentum, planting and transplanting trees and shrubs	
2/12	NO CLASS	
2/15	Pruning trees and shrubs	Pruning worksheet 20 pts
2/17	Field pruning	Dress warm,
2/19	Quiz 2	50 pt
2/22	Fertilizing the landscape	Fertilizer calculation worksheet, due 2/26. 30 pt
2/24	ID and control of invasive plants	
2/26	Field session of inv plant id	
2/29	Native plants in the landscape	Complete native alternatives to invasive plant assignment. 15 pt
3/2	Lawns and Turf	
3/4	Weed Mgmt	
3/7	Weed mgmt	
3/9	Quiz 3	50 pt
3/11	IPM and common pests of landscape plants	Landscape IPM assignment 20 pt
3/21	IPM field session	
3/23	Ornamental grasses, perennials and annuals	Perennial and annual worksheet 20
3/25	Field session to work on mgmt. plan	

3/28	Field session to work on mgmt. plan	
3/30	Managing perennials, annuals, ornamental grasses	
4/1	Managing perennials and annuals	
4/4	Fall and spring cleanup, mulching	Landscape Mgmt plan due: 150 pt
4/6	Water feature maintenance and calculations	Water feature calculation exercise 20 pt
4/8	Water feature maintenance and calculations	
4/11	Constructing a patio	
4/13	Constructing a patio, grading, subbase, calculations for estimating	Patio exercise 20 pt
4/15	Quiz 4	50 pt

4/18	Estimating for maintenance jobs	
4/20	Estimating	Estimating project
4/22	estimating	
4/25	Field exercise planting trees, shrubs and grasses	
4/27	Planting trees, shrub, grasses and perennials	
4/29	dividing perennials and grasses	Estimating project due 50 pt
5/2	Dividing grasses and perennials	
5/4	patio	
5/6	patio	
Final	Final cumulative	100 pts

Grading

Daily quizzes	5 pts each	125
Assignments	175 pts total	175
Landscape mgmt. project	150	150
Estimating project	50 pts	50
Quizzes (4)	50 pts each	200
Blog or youtube (students choice)	50 pts	50
Final	100 pts	<u>100</u>
	TOTAL	850