

ARBORICULTURE
Spring 2020
FOR 406 Sec. 71; Stars # 52188

Instructor: Paul Blome
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4 Semester Hours
Class Meeting Times: Lecture: MW 1 - 1:50pm KH 201
Lab: TTh 1 - 2:50pm KH 201

Pre-Requisite: FOR 200 or 208

Last day to add course during open registration: 01/17/2020

Last day to add by permission or delete course: 01/27/2020

Last day to drop course with "W" grade: 03/29/2020

Text: Arboriculture, 3rd Ed. Harris, Clark, & Matheny; Tree Basics – Shigo; Coincide - Donald W Orton; Commercial Landscape & Turfgrass Pest Management Handbook 2014 - Nixon Publisher: U of Il Ext

Course Objectives: Upon completion of this course students will

Learn how a tree grows and survives as a woody perennial plant. Be able to list a variety of tree ailments and their causes. Be able to use a systematic process to diagnose tree ailments. Gain experience in tree care techniques. The **purpose of this course** is to introduce the student to various aspects of tree care with the detailed study of woody plants emphasizing growth and development, plant health care, pruning, maintenance, diagnostics, pest management, soil & water management and site evaluation.

Lab Exercises: Lab exercises will examine tree parts from the inside and out, students will get hands on experience with pruning, planting and mulching as well as looking at trees in different growing conditions, and evaluating tree condition and needs. Diagnosis of tree problems will also be evaluated when opportunities arise.

Required supplies: 10X hand lens, Sharp knife or razor knife, colored pencils. A good pair of work boots will be needed by each student for outdoor labs.

Plant Health Care Project: We will be tracking weather and other data as we go through the semester and keeping records in an Excel spreadsheet. We will be comparing data to past years and looking up information in reference books to understand when insects and diseases are likely to be active and vulnerable. We will also be looking at when plants will be in bloom (or other stages of growth) and how they coincide with treating to control pests. We will also be looking up appropriate treatment options.

Tree Pest/Disease/Problem Presentation(s): Students will be required to make presentation(s) to the class on major and minor insect/disease/abiotic tree problems.

Student Journals: Students will submit weekly journal entries reflecting on topics covered (10 pts each)

GRADE DISTRIBUTION:

Attendance	100 pts
Midterm exam	100 pts
Final (Wed. May 9th at 1:00pm KH 201)	100 pts
Plant Health Care Project	50 pts
Pest Presentation(s)	100 pts
Student Journal Entries	150 pts
Lab assignments/Quizzes	100 pts

GRADE SCALE:

<60	60	63	67	70	73	77	80	83	87	90	93-100
F	D-	D	D+	C-	C	C+	B-	B	B+	A-	A

Attendance:

Attendance is part of your grade in the course. Perfect attendance will earn you a bonus 10pts (Attendance max. pts = 110). Understanding that illness and other situations may make perfect attendance difficult; you will be allowed to miss four classes (lectures and/or labs - equivalent of 1 week) without losing attendance points. Excused absences will not be counted against the student's attendance credit. Excused absences include class trips and student competitions. Excused absences must be arranged ahead of time and be documented (activity, date, time, and list of participating students) by a faculty member who is requesting/requiring the absence. Five (5) attendance points will be deducted from your attendance grade for each class missed beyond the fourth missed class. Students leaving lecture or lab before they are dismissed will lose attendance credit for the day (you will be counted as absent). If a student is going to miss a class, it is his/her responsibility to notify the appropriate faculty member in advance. **This must be done by utilizing the Online Absence Reporting System (OARS) at www.wiu.edu/oars.** It is the responsibility of the student to discuss the absence with the faculty member should the student desire to make up any academic work missed because of the absence.

Attendance on dates of tests: Students with an unscheduled absence at the time of an announced exam are not entitled to take the exam. If you have some conflict with the date and time of a scheduled exam, you must notify the instructor **before** the exam via OARS. The instructor will determine if you will be allowed to reschedule the exam.

WIU Assignment and Cheating Policy:

See <http://www.wiu.edu/policies/acintegrity.php>

Comparing and/or consulting on quiz or exam answers; use of unauthorized notes or aids (phones, etc..) during quizzes and tests as well as other acts of "cheating" in class or in the field may result in failing grades; in extreme cases even course failure.

I encourage you to obtain help if you do not understand a topic or how to do an assignment. I am available at most any time to assist you. Please see my office door for scheduling appointments. If this is not convenient, you may get someone else from the class to explain or demonstrate the task at hand. I do, however, strongly suggest that you do your own work. That is, you must physically work through the problem(s) so that you can demonstrate you have the required competency(ies).

When working in a group with peers. It is imperative that each member contribute equal effort.

CLASS TOBACCO PRODUCT POLICY:

https://wiu.edu/student_services/student_development_office/handbook/noSmokingPolicy.php

In accordance with State law, there is no smoking in class or vehicles during field trips.

Chewing tobacco (and spitting chewing tobacco) in class is not permitted. Outdoor labs and field trip participation is considered as class – NO SMOKING or use of tobacco products is permitted.

CELL PHONE POLICY: Cell phone use in class is not permitted unless specifically noted by instructor for a specific task. We may be exploring some tree ID phone apps in some of the labs. Cell phone/smart phone use is strictly prohibited on quizzes and exams. In order to participate in the WIU Emergency Alert System you should have your cell phones set to vibrate.

http://www.wiu.edu/vpas/risk_management_and_emergency_preparedness/wiu_emergency_alert_system/index.php

Professional Cell Phone Conduct: PLEASE DO NOT answer phone calls or send text messages during class!

AMERICANS WITH DISABILITIES ACT (ADA)

In accordance with University policy and the American 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, inc.) 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.

<http://www.wiu.edu/drc/>

ATTENTION EDUCATION MAJORS:

The changes within the Illinois State Teaching License requirements, students are required to receive a grade of a "C-" or better in this course in order to meet state requirements. With the university's +/- grading system, receiving a grade below a "C-" will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

NOTICES

Please be advised that **this syllabus is tentative**. We may or may not be able to address all of the content areas or stick with the anticipated number of field trips or exams. **Any deviations from the syllabus will be announced as soon as possible.**

Official University Policy Manual: <http://www.wiu.edu/policies/>

For information on all WIU policies for students contact the above website