NOTE to prospective students: This syllabus is intended to provide students who are considering taking this course an idea of what they will be learning. A more detailed syllabus will be available on the course site for enrolled students and may be more current than this sample syllabus. Summer term courses may be accelerated – please check the Ecampus Schedule of Classes for more information.

FES/HORT 447/547
Arboriculture

COURSE CREDIT:
(4) This course combines approximately 120 hours of instruction, online activities, and assignments for 4 credits.

PREREQUISITES, CO-REQUISITES AND ENFORCED PREREQUISITES:
PREREQS: (FES 141 or FES 241 or HORT 226 or HORT 228) and (FOR 111 or HORT 112).

COURSE DESCRIPTION:
The principles and practices of arboriculture, the art and science of selecting, planting, establishing and maintaining trees in urban, suburban, commercial and residential landscapes. Lec/lab. Typically offered SPRING QUARTER

CONTACT INFORMATION:
Instructor name: Paul D. Ries, Instructor and Extension Specialist, OSU Dept. of Forest Ecosystems and Society
Instructor email: paul.ries@oregonstate.edu

Sample syllabi may not have the most up-to-date information. For accuracy, please check the ECampus Schedule of Classes to see the most current instructor information. You can search for contact information by name from the OSU Home Page.

LEARNING RESOURCES:


● Required Readings: As assigned and provided or linked by instructor. Graduate students will have a few more additional readings.
NOTE: For textbook accuracy, please always check the textbook list at the OSU Bookstore website. Sample syllabi may not have the most up-to-date information.

Students can also click the ‘OSU Beaver Store’ link associated with the course information in the Ecampus schedule of classes for course textbook information and ordering.

COURSE SPECIFIC MEASURABLE STUDENT LEARNING OUTCOMES:

Measurable Student Learning Outcomes - Upon completion of this course, students will be able to:

- Describe the appropriate technical and managerial aspects of helping trees stay healthy, safe, and attractive,
- Explain how trees grow, sustain themselves, and eventually die,
- Apply the principles and practice of proper tree care, diagnostics, and risk assessment
- Articulate the practical, legal, ethical, and business issues associated with urban trees and their management and care,
- Demonstrate knowledge of the proper use of arboricultural equipment including appropriate safety practices,
- Exhibit professional skills and standards of excellence that will be invaluable in a professional career practicing arboriculture, or working with arborists.

In addition the above items, Graduate Student level learning outcomes also include to:

- Critically analyze contemporary arboriculture issues, and identify recommended tools and strategies to address the situations,
- Articulate and evaluate current arboricultural standards, advanced practices, and management controversies,
- Synthesize and extrapolate this material to individual areas of interest, expertise, and graduate study.

COURSE CONTENT AND POLICIES:

This course is arranged on a weekly basis, with 5 or 6 assignments covering the topic of the week. Each week’s content will include two lectures, a lab or demonstration assignment, one or more videos or podcasts, a reading assignment, and a discussion board. The weekly assignment topics are as follows:

Typical Course Schedule of Topics and Assignments

<table>
<thead>
<tr>
<th>Wk</th>
<th>Topic/lectures/discussion</th>
<th>lab/demonstration/video</th>
<th>Grading Elements Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>History and Practice of Arboriculture; Tree Biology and Physiology</td>
<td>Lab 1: Arboriculture Practices, Tree Biology</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>The Landscape Below Ground - roots, soils, nutrients, water</td>
<td>Lab 2: The Landscape Below Ground</td>
<td></td>
</tr>
</tbody>
</table>
### EVALUATION OF STUDENT PERFORMANCE:

**Typical Evaluation of Student Performance (Subject to Change)**

**Grading Requirements**

There are three elements upon which your course grade will be based. Your completion of these requirements will enable you to accumulate points that will determine your final grade in the course. There are 1000 available points. The grading elements and their corresponding point values are:

<table>
<thead>
<tr>
<th>Discussion Board Participation</th>
<th>150 points or 15%</th>
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<tbody>
<tr>
<td><strong>Undergraduate Students</strong> - Each week’s content will include one or more discussion pages to further online learning from lectures or readings from the week. Everyone brings something to offer to the class, whether it is personal experience, insight into the readings, or a unique perspective. You will post in each of ten weeks.</td>
<td></td>
</tr>
<tr>
<td><strong>Graduate students</strong> – Graduate students grades will be based on participation in 9 of the weeks, and leading the discussion for the undergraduate students during one of the weeks as assigned.</td>
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</tbody>
</table>

<table>
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<tr>
<th>Written Professional Reports</th>
<th>350 points or 35%</th>
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</table>
Undergraduate students will prepare three professional reports discussing the arboricultural principles presented in class. These will include:

- Site Analysis Report (100 points) – Using information from weeks 1, 2 and 3, prepare a report on a specific landscape site.
- Diagnostic Report (100 points) – Using the information from weeks 4, 5, 6 and 7, prepare a report on a specific arboriculture issue, disease, or pest.
- Field Experience Report (150 points) - You will spend at least 4 hours in the field with an ISA Certified Arborist, and write a report about your experience.

Graduate Students will complete the Site Analysis and Field Experience Reports from this list, and will also include a management prescription with each report. For the Diagnostic Report, students will prepare a Case Study of an arboricultural issue and present it to the rest of the class in the Discussion Board during weeks 9 or 10. This case study will include the identification of a specific problem or issue, a rigorous literature review, a list of management options, and the identification of best management practices to address the problem.

Quizzes and Exams

Three quizzes (10% each) and one final exam (20%) will make up this grading component. Quizzes and exam will include a variety of question formats. The final will be cumulative. Graduate Students will have a separate exam. Quizzes and Exams will not be proctored.

COURSE SITE LOGIN INFORMATION

Information on how to login to your course site can be found HERE.

STATEMENT REGARDING STUDENTS WITH DISABILITIES

Oregon State University is committed to student success; however, we do not require students to use accommodations nor will we provide them unless they are requested by the student. The student, as a legal adult, is responsible to request appropriate accommodations. The student must take the lead in applying to Disability Access Services (DAS) and submit requests for accommodations each term through DAS Online. OSU students apply to DAS and request accommodations at our Getting Started with DAS page.

Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through DAS should contact DAS immediately at 541-737-4098.
Additionally, Canvas, the learning management system through which this course is offered, provides a vendor statement certifying how the platform is accessible to students with disabilities.

ACADEMIC INTEGRITY AND STUDENT CONDUCT (OSU POLICY)

Students are expected to be honest and ethical in their academic work. Intentional acts of academic dishonesty such as cheating or plagiarism may be penalized by imposing an “F” grade in the course.

Student conduct is governed by the universities policies, as explained in the Office of the Dean of Student Life: Student Conduct and Community Standards. In an academic community, students and faculty, and staff each have responsibility for maintaining an appropriate learning environment, whether online or in the classroom. Students, faculty, and staff have the responsibility to treat each other with understanding, dignity, and respect.

Students are expected to conduct themselves in the course (e.g. on discussion boards, email postings, etc.) in compliance with the university's regulations regarding civility. Students will be expected to treat all others with the same respect as they would want afforded to themselves. Disrespectful behavior (such as harassing behavior, personal insults, inappropriate language) or disruptive behaviors are unacceptable and can result in sanctions as defined by Student Conduct and Community Standards.

For more info on these topics please see:
- Statement of Expectations for Student Conduct
- Student Conduct and Community Standards - Offenses
- Policy On Disruptive Behavior

PLAGIARISM

You are expected to submit your own work in all your assignments, postings to the discussion board, and other communications, and to clearly give credit to the work of others when you use it. Academic dishonesty will result in a grade of “F.”

- Statement of Expectations for Student Conduct
- Avoiding Academic Dishonesty

TECHNICAL ASSISTANCE

If you experience computer difficulties, need help downloading a browser or plug-in, assistance logging into the course, or if you experience any errors or problems while in your online course, contact the OSU Help Desk for assistance. You can call (541) 737-3474, email osuhelpdesk@oregonstate.edu or visit the OSU Computer Helpdesk online.

- COURSE DEMO
- GETTING STARTED
TUTORING
For information about possible tutoring for this course, please visit our Ecampus NetTutor page. Other resources include:
- Writing Center
- Online Writing Lab

STUDENT EVALUATION OF TEACHING
The online Student Evaluation of Teaching form will be available in week 9 and close at the end of finals week. Students will be sent instructions via ONID by the Office of Academic Programs, Assessment, and Accreditation. Students will log in to “Student Online Services” to respond to the online questionnaire. The results on the form are anonymous and are not tabulated until after grades are posted. Course evaluation results are very important and are used to help improve courses and the learning experience of future students. Results from questions are tabulated anonymously and go directly to instructors and unit heads/supervisors. Unless a comment is “signed,” which will associate a name with a comment, student comments on the open-ended questions are anonymous and forwarded to each instructor. “Signed” comments are forwarded to the unit head/supervisor.

REFUND POLICY INFORMATION
Please see the Ecampus website for policy information on refunds and late fees.