Ornamental Woody Plants  
Plant Sciences 2210  
Fall 2014

Instructor:  
Tim H. Moloney  
moloneyt@missouri.edu

Office Hours:  
M-W-F 9AM-Noon  
By appointment (email me with request to speak on any matter that cannot be addressed in class)  
1-57 Agriculture (Basement)

Text:  
*Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses*  
By Michael A. Dirr

Blackboard Site:  
available for tracking academic progress

Website: [http://www.plantsci.missouri.edu/PS2210/](http://www.plantsci.missouri.edu/PS2210/)  
Images of all plants studied are posted with maps to serve as a study aid for weekly identification quizzes.

Course Objectives:

1. Learn to identify ornamental deciduous and evergreen trees, shrubs, vines and groundcovers used in modern landscapes from leaf, twig, bud, and growth characteristics. You will be expected to know these plants by both common name and binomial nomenclature.

2. Develop a working knowledge of landscape-related characteristics of individual landscape plants such as ultimate size, shape, aesthetic ornamental contributions, and best landscape uses.

3. Gain knowledge of tree and shrub culture including site selection, soil, water, and light preferences and common insect and disease pests of plants studied during the semester.

Course Format:  
All classes will meet in room 2-07 Agriculture Building. There will be a brief discussion of the plants to be covered that day. The remaining class time will be used for a walking tour on campus to observe the form, important identification characteristics, ornamental value and problems of each plant. We will also take field trips to local gardens, such as Shelter Insurance Gardens, and local retail plant nurseries, to observe plants not on campus. We will start with deciduous material and concentrate on evergreens as the semester continues.

Before each session, a study sheet will be handed out to provide a list of the plants for the day as well as study questions that indicate items of interest for each plant to be seen. Students should fill in answers as appropriate. Not all information may be discussed in class, but
answers to most questions can be found in the text. Answering the questions thoroughly will help in preparation for the general knowledge tests.

**Tests/Quizzes:**
Identification quizzes will be given weekly on Wednesdays. These will consist of plants studied during the previous week, or since the last quiz. Twelve (12) plants will be presented for ID in each quiz. Two plants from any previous list on which you were tested will be included. ID quizzes will be from digital images and/or plant samples when possible. On these quizzes, only common and botanical names will be required; no cultural information. **Correct spelling of common and botanical names is required.** There will be a total of 12 ID quizzes during the semester.

Two (2) hour long exams will be given during the semester as well. These will include identification, but will also ask for information important for using these plants in a landscape setting. This information will be made available to you through class discussions and/or your text. Commonly used cultivars of each plant will also be reviewed and tested so familiarity with your text will be crucial.

The final exam will be in two parts. The written part will consist primarily of material from the last third of the course and will be essentially a third hour exam. A few discussion questions based on information provided throughout the course will also be included. The written final will be worth 100 points. The final will also include a 100 point comprehensive plant ID test.

**Attendance:**
Attendance and participation is expected from every student during all scheduled meeting times. Any student anticipating an absence during the semester will need to make arrangements with the instructor prior to the absence. The student will be responsible for obtaining or making up any missed assignments quizzes, or tests during approved absences. Approved absences and make-ups for exams and quizzes will be very rare. **If a make-up exam/quiz is granted, the time for the exam will precede scheduled date for the exam.**

Unexcused absences on test day will result in zero points awarded for that exam.

**Course Components:**
- 12 ID quizzes  
  720 points  
- 2 Hourly Exams  
  200 points  
- 1 final written/ID Examination  
  200 points

Total Points:  
1120 points

Total points may vary due to unforeseen changes during the semester. The grading scale however will not vary.

**Grading Scale:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>A+</td>
<td>Above 98% total course points</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>93-97% total course points</td>
<td>C</td>
</tr>
<tr>
<td>A-</td>
<td>90-92% total course points</td>
<td>C-</td>
</tr>
<tr>
<td>B+</td>
<td>88-89% total course points</td>
<td>D+</td>
</tr>
<tr>
<td>B</td>
<td>83-87% total course points</td>
<td>D</td>
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<tr>
<td>B-</td>
<td>80-82% total course points</td>
<td>D-</td>
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<tr>
<td>C+</td>
<td>78-79% total course points</td>
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<tr>
<td>C</td>
<td>73-77% total course points</td>
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<tr>
<td>C-</td>
<td>70-72% total course points</td>
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<tr>
<td>D+</td>
<td>68-69% total course points</td>
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<tr>
<td>D</td>
<td>63-67% total course points</td>
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<tr>
<td>D-</td>
<td>60-62% total course points</td>
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<tr>
<td>F</td>
<td>less than 60% total course points</td>
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Students with Disabilities:
If you anticipate barriers related to the format or requirements of this course, if you have emergency medical information to share with me, or if you need to make arrangements in case the building must be evacuated, please let me know as soon as possible.

If disability related accommodations are necessary (for example, a note taker, extended time on exams, captioning), please register with the Office of Disability Services, S5 Memorial Union, 573-882-4696, and then notify me of your eligibility for reasonable accommodations.

Academic Dishonesty:
Academic integrity is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person's work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards breaches of the academic integrity rules as extremely serious matters. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, collaboration, or any other form of cheating, consult the course instructor.

Intellectual Pluralism:
The University community welcomes intellectual diversity and respects student rights. Students who have questions or concerns regarding the atmosphere in this class (including respect for diverse opinions) may contact the departmental chair or divisional director; the director of the Office of Students Rights and Responsibilities; the MU Equity Office, or equity@missouri.edu.

All students will have the opportunity to submit an anonymous evaluation of the instructor(s) at the end of the course.

Executive Order #38, Academic Inquiry, Course Discussion and Privacy
University of Missouri System Executive Order No. 38 lays out principles regarding the sanctity of classroom discussions at the university. The policy is described fully in section 200.015 of the Collected Rules and Regulations. In this class, students may not make audio or video recordings of course activity, except students permitted to record as an accommodation under section 240.040 of the Collected Rules. All other students who record and/or distribute audio or video recordings of class activity are subject to discipline in accordance with provisions of section 200.020 of the Collected Rules and Regulations of the University of Missouri pertaining to student conduct matters.

Those students who are permitted to record are not permitted to redistribute audio or video recordings of statements or comments from the course to individuals who are not
students in the course without the express permission of the faculty member and of any students who are recorded. Students found to have violated this policy are subject to discipline in accordance with provisions of section 200.020 of the Collected Rules and Regulations of the University of Missouri pertaining to student conduct matters.