Mercer County Community College
Division of Science and Health Professions
BIO 202-010 Woody Plants
Spring 2020

Lab Instructor: Ron Rabideau
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Online Lecture Instructor: Jay Gager
E-Mail Address: gagerj@mccc.edu

Course Materials:
● Manual of Woody Landscape Plants by Michael A. Dirr
● Hardy Trees and Shrubs by Michael A. Dirr
● Clipboard to hold 8 ½ “ by 11 ½” paper
● Appropriate clothing and footwear for weekly lab. You must come dressed prepared for the lab and the weather conditions of that day.

Course Description:
This course is designed to serve the needs of Biology, Plant Science and Ornamental Horticulture majors. The emphasis of the on-line lecture is identification features, ornamental aspects, and the practical uses of the plants discussed. Laboratory exercises will emphasize field studies and sight identification of ornamental woody plants, both native to the North American continent as well as some non-native species.

Prerequisites:
BIO 101 or OHT 101 or permission of the course coordinator.

Grading System:
5 ID Exams 45%
2 Written Exams 25%
13 Homeworks 25%
Final Project 5%

Grading System Details:
There are no make-ups for missed ID or written exams. There is also no make-up for labs. You are responsible for the missed material.
You are required to actively participate in the on-line component of this course. This involves reviewing the slides and completing the 13 homework assignments, as well as the final project. You need to count on spending approximately 3 hours per week on the computer.

**Statement of Academic Integrity:**
“Any student a) who knowingly represents the work of others as his/her own; b) uses or obtains unauthorized assistance in the execution of academic work; or c) gives fraudulent assistance to another student is guilty of cheating. Violators will be penalized in accordance with established policies and procedures.”

If you are caught cheating in this course, you will receive a grade of “0” for the assignment you are working on, and you will be reported to the college’s Academic Integrity Committee.

**Cell Phones:**
Cell phones are a major distraction to the learning environment and are prohibited during lab. Please turn the ringer off, and put the phone away during lab.

**Statement from the Office of Special Services:**
Any student in this class who has special needs because of a disability is entitled to receive accommodations. Eligible students at Mercer County Community College are assured services under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973.

If you believe you are eligible for services, please contact Arlene Stinson, the Director of Academic Support Services. Ms. Stinson’s office is LB 221, and she can be reached at 609-570-3525.

**Course and Behavioral Objectives:**

1. To memorize the distinguishing characteristics of the major ornamentally-important Genera of woody Angiosperms and Gymnosperms, and be able to recognize them in the field.
2. To learn the formal botanical terminology used to describe plants.
3. To identify by sight approximately 170 species of woody plants, be able to correctly spell the scientific names and common names for each, and give the site requirements, physical characteristics, and common pests for each.
# Weekly Topic Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>01</td>
<td>01/22</td>
<td>Course Orientation; Introduction to Broadleaf Evergreens</td>
</tr>
<tr>
<td>02</td>
<td>01/29</td>
<td>Broadleaf Evergreens Continued; Homework 1 Due</td>
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<tr>
<td>03</td>
<td>02/05</td>
<td><strong>ID Exam 1</strong>; Introduction to Significant Conifers; Homework 2 Due</td>
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<tr>
<td>04</td>
<td>02/12</td>
<td>Significant Conifers Continued; Homework 3 Due</td>
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<tr>
<td>05</td>
<td>02/19</td>
<td>Significant Conifers Continued; Homework 4 Due</td>
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<tr>
<td>06</td>
<td>02/26</td>
<td><strong>ID Exam 2</strong>; Introduction to Shrubs; Homework 5 Due</td>
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<tr>
<td>07</td>
<td>03/04</td>
<td>Shrubs Continued; Homework 6 Due</td>
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<tr>
<td>08</td>
<td>03/11</td>
<td><strong>MID-TERM (UNIT 1&amp;2)</strong>, Shrubs Continued; Homework 7 Due</td>
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<tr>
<td>09</td>
<td>03/18</td>
<td>NO CLASS - SPRING BREAK 3/16 to 3/22</td>
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<tr>
<td>10</td>
<td>03/25</td>
<td><strong>ID Exam 3</strong>; Introduction to Small Trees; Homework 8 Due</td>
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<tr>
<td>11</td>
<td>04/01</td>
<td>Small Trees Continued; Homework 9 Due</td>
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<tr>
<td>12</td>
<td>04/08</td>
<td>Small Trees Continued; Homework 10 Due</td>
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<tr>
<td>13</td>
<td>04/15</td>
<td><strong>ID Exam 4</strong>; Introduction to Shade Trees; Homework 11 Due</td>
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<tr>
<td>14</td>
<td>04/22</td>
<td>Shade Trees Continued; Final Project Due, Homework 12 Due</td>
</tr>
<tr>
<td>15</td>
<td>04/29</td>
<td><strong>LAST CLASS; ID Exam 5</strong>; Homework 13 Due</td>
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**FINAL EXAM (UNIT 3-5) DATE AND TIME:** (05/06) 12:30pm

*Please be aware* - Dates are tentative and are subject to change. Please stay tuned to announcements via the web.