

**Mercer County Community College**  
**Division of Science and Health Professions**  
**BIO 202-010 Woody Plants**  
**Spring 2021**

**Lab Instructor:** Ron Rabideau  
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**Online Lecture Instructor:** Jay Gager  
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**Course Materials:**

- *Manual of Woody Landscape Plants* by Michael A. Dirr (recommended, not required)
- *Hardy Trees and Shrubs* by Michael A. Dirr (recommended, not required)
- Clipboard to hold 8½" x 11" paper
- Appropriate clothing and footwear for weekly lab. You must come dressed prepared for the lab and the weather conditions of that day. Labs will take place outdoors - even in rain and snow.

**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:**

6 ID Exams	35%
2 Written Exams	25%
12 Homeworks	25%
Final Project	15%

**Mercer's Grading Scale:**

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	70-76
D	60-69
F	0-59

**Grading System Details:**

There are no make-ups for missed ID or written exams. There are also no make-ups 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 12 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 200 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 Schedule

<b>Week 01</b> (01/20)	Course Orientation; Introduction to Broadleaf Evergreens
<b>Week 02</b> (01/27)	Broadleaf Evergreens Continued; HW 1 Due
<b>Week 03</b> (02/03)	<b>ID Exam 1</b> ; Introduction to Significant Conifers; HW 2 Due
<b>Week 04</b> (02/10)	Significant Conifers Continued; HW 3 Due
<b>Week 05</b> (02/17)	<b>ID Exam 2</b> ; Introduction to Shrubs; HW 4 Due
<b>Week 06</b> (02/24)	Shrubs Continued; HW 5 Due
<b>Week 07</b> (03/03)	<b>ID Exam 3</b> ; Mid-term Review; HW 6 Due
<b>Week 08</b> (03/10)	<b>MID-TERM (UNITS 1-3)</b> , Introduction to Small Trees
<b>Week 09</b> (03/17)	Small Trees Continued; HW 7 Due
<b>Week 10</b> (03/24)	NO CLASS - SPRING BREAK
<b>Week 11</b> (03/31)	<b>ID Exam 4</b> ; Intro to Shade Trees; HW 8 Due; Final Project Assigned
<b>Week 12</b> (04/07)	Shade Trees Continued; HW 9 Due
<b>Week 13</b> (04/14)	Shade Trees Continued; HW 10 Due
<b>Week 14</b> (04/21)	<b>ID Exam 5</b> ; Introduction to Vines; HW 11 Due
<b>Week 15</b> (04/28)	<b>ID Exam 6</b> ; Final Review; HW 12 Due; Final Project Due

**FINAL EXAM (UNITS 4-6) DATE AND TIME: TBA**

All dates are tentative and may be subject to change. Check email regularly for updates.