

Mercer County Community College
Division of Science and Health Professions
BIO 202 Woody Plants
Course Outline
Spring 2008

Credits: 4
Lab Hours: 3
Lecture Hours: 3 Hours On-line

Course Coordinator: Amy E. Iseneker, Assistant Professor
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Lab Instructor: Marie Wszolek
Office Number: Greenhouse
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Required Materials:

- *Manual of Woody Plants* by Michael A. Dirr
- Clipboard to hold 8 ½ " by 11 ½" paper
- Appropriate clothing and foot wear for weekly lab. (You must come dressed prepared for the lab and the weather conditions for 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	500 points
Midterm	100 points
Final	100 points
On-line Participation	<u>300 points</u>
Points Total	1000 points

There are no make-ups for missed ID exams, the midterm or the final. 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. Each week of participation is worth 20 points – 10 points for replying to weekly discussions and polls and 10 points for reviewing the lectures. 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.

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 list the distinguishing characteristics of the major Genera of Angiosperms and Gymnosperms, and be able to recognize them in the field.
2. To define the vocabulary used throughout the course and be able to recognize examples when confronted in the field.
3. To identify by site approximately 220 species of woody plants, be able to correctly spell the Latin names and common names for each, and give the site requirements and characteristics for each.
4. To be able to list the major ornamental characteristics for each of the species discussed in class. This includes fall color, habit, distinguishing features, uses, etc.

5. To be able to name and identify some of the major pest problems associated with the plants discussed.

Topic Schedule

1/22/08	Course Orientation; Introduction to Broad Leaf Evergreens and Significant Conifers
1/29/08	Broad Leaf Evergreens and Significant Conifers Continued
2/05/08	ID Exam #1 ; Significant Conifers Continued
2/12/08	Significant Conifers Continued
2/19/08	Significant Conifers Continued
2/26/08	ID Exam #2 ; Shrubs
3/04/08	Shrubs Continued
3/11/08	Shrubs Continued
3/18/08	No Class – Spring Break
3/25/08	ID Exam #3 ; Small Trees
4/01/08	Small Trees Continued
4/08/08	Small Trees Continued
4/15/08	ID Exam #4 ; Shade Trees
4/22/08	Shade Trees Continued
4/29/08	Shade Trees Continued
5/06/08	ID Exam #5

Midterm Exam Date and Room - TBA

Final Exam Date and Room – TBA

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