Instructor:
Catherine Tarasoff, Ph.D.
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Teaching Assistants:
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Melissa Watkins - mdwatkin@mtu.edu

Office hours – Tuesday and Thursday 12-1
Lecture location – rm 002 Hesterberg Hall, Tues + Thurs 11-11:50
Lab location – rm G029 Horner Hall: M (2-6), T (1-5), W (2-6), R (1-5), F (9-1)

Course Requirements

Required Texts: Michigan Trees – Barnes and Wagner, Fruit & Twig Key - Harlow

Course Objectives
To familiarize students with:
(1) morphological features that characterize woody plant species,
(2) the use of those features for recognition and identification of woody plants,
(3) scientific and standard common names of those species, and
(4) the diversity of woody plants and their associated communities across North America.

Instructor Obligations

• 1-Week turn around for lab assignments and exams
• It is my responsibility to maintain a positive learning environment for all students in this class. I take this responsibility seriously and will inform members of the class if their behavior affects the learning environment.
• Open door policy for questions and discussion.

Student Expectations

• Mandatory lab attendance in lab you’ve registered for (excused/alternate lab attendance with permission). Your attendance is critical to the learning which takes place during this course.
• **NO** CELL PHONE DISCUSSIONS/TEXT MESSAGING ETC. DURING THE LAB.
• BE PREPARED FOR THE FIELD – BE ON TIME WITH APPROPRIATE CLOTHING, FOOD, REFERENCE BOOKS, NOTEPAPER + A CLIPBOARD
• AS A FELLOW LEARNER, YOU ARE ASKED TO RESPECT THE LEARNING NEEDS OF YOUR CLASSMATES.
• PLEASE INFORM THE INSTRUCTOR IF YOU ARE HAVING DIFFICULTIES WITH THEIR TEACHING TECHNIQUES. CONSTRUCTIVE SUGGESTIONS ARE WELCOME.
• I ENCOURAGE STUDENTS TO COLLABORATE IN TERMS OF DISCUSSING IDEAS AND CONCEPTS. HOWEVER, UNLESS OTHERWISE STATED, ALL ASSIGNMENTS ARE TO BE COMPLETED INDEPENDENTLY.
• **ABSOLUTELY NO TALKING/CHEATING DURING TESTS OR LAB QUIZZES** – YOU WILL BE GIVEN A WARNING AND THEN YOUR QUIZ/EXAM WILL BE REMOVED WITH A ‘0’ GRADE
• ACCOMMODATIONS WILL BE MADE FOR STUDENTS WITH DISABILITIES. PLEASE COMMUNICATE YOUR NEEDS WITH YOUR INSTRUCTOR WITHIN 2 WEEKS OF THE BEGINNING OF THE SEMESTER

**Grading, Tests and Assignments**

<table>
<thead>
<tr>
<th>Type</th>
<th>Points</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Quizzes (11)</td>
<td>40 (drop lowest score)</td>
<td>400</td>
</tr>
<tr>
<td>Lecture Quizzes (10)</td>
<td>20</td>
<td>200</td>
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<tr>
<td>Lecture Exams (2)</td>
<td>200</td>
<td>400</td>
</tr>
<tr>
<td>Midterm Lab Exam</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Final Lab Exam</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Participation</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Assignments (4)</td>
<td>50</td>
<td>200</td>
</tr>
</tbody>
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**Total of 1620 points**

*Percent Grade*

≥90 = A; 84-89 = A/B; 78-83 = B; 72-77 = B/C; 66-71 = C; 61-65 = C/D; 55-60 = D; <54 = F

**Academic Integrity**

You are responsible for making yourself aware of and understand the policies and procedures in that pertain to academic integrity. The policies include cheating, fabrication, falsification and forgery, multiple submission, plagiarism, complicity and computer misuse. If there is a reason to believe you have been involved in academic dishonesty, you will be referred to the Office of Student Conduct. You will be given the opportunity to review the charges(s). If you believe you are not responsible, you will have the opportunity to explain your situation to your instructor (or department chair) and provide information you believe is important to be considered in the matter. A student charged with unacceptable conduct or breach of University rules or regulations is also entitled to a fair hearing in order to determine fact and a University response. Information on MTU’s policy on academic dishonesty can be found at http://www.studentaffairs.mtu.edu/dean/judicial/policies/academic_integrity.html
<table>
<thead>
<tr>
<th>Week of</th>
<th>Topic</th>
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| Aug 31\textsuperscript{st} | Tues - Introduction  
| | Thurs - Vegetative morphology  
| | Lab #1 |
| Sept 7\textsuperscript{th} | Tues - Vegetative Morphology  
| | Thurs - Reproductive morphology (On-line Quiz 1)  
| | NO LABS |
| Sept 14\textsuperscript{th} | Tues – Wood and roots  
| | Thurs – Germination and dispersal (On-line Quiz 2)  
| | Lab #2, Quiz 1 - Assignment #1 |
| Sept 21\textsuperscript{st} | Tues – Classification/nomenclature  
| | Thurs – Family Characteristics (On-line Quiz 3)  
| | Lab #3, Quiz 2  
| | Assignment #2 – Assignment #1 Due |
| Sept 28\textsuperscript{th} | Tues – Family Characteristics  
| | Thurs – Family Characteristics (On-line Quiz 4)  
| | Lab #4, Quiz 3 |
| Oct 5\textsuperscript{th} | Tues – Variation  
| | Thurs – Variation Continued (On-line Quiz 5)  
| | LAB MIDTERM |
| Oct 12\textsuperscript{th} | Tues – TBA  
| | Thurs – Lecture review  
| | Lab #5 – Coastal Forests, Quiz 4  
| | Assignment #2 Due |
| Oct 19\textsuperscript{th} | Tues – Midterm Exam  
| | Thurs – Habitat, Range and Communities (On-line Quiz 6)  
| | Lab #6 – Rocky Mountain Forests, Quiz 5  
| | Assignment 3 |
| Oct 19\textsuperscript{th} | 23\textsuperscript{rd} drop with a \textit{W} |


Oct 27th
Tues – Community Ecology
Thurs - Boreal Forests (On-line Quiz 7)

Lab #7 – Southwestern Forests, Quiz 6

Assignment 3 Due

Nov 2nd
Tues – Coastal Forests
Thurs - Southwestern Forests (On-line Quiz 8)

Lab #8 – Midwestern Hardwood Forests, Quiz 7
Assignment 4

Nov 9th
Tues – Rocky Mountains
Thurs - Midwestern Hardwood Forests (On-line Quiz 9)

Lab #9 – Southeastern Coastal Plains, Quiz 8,
Assignment 4 due

Nov 16th
Tues - SE Coastal Plains
Thurs - Central Hardwood Forests (On-line Quiz 10)

Lab #10 – Central Hardwood Forests, Quiz 9

Nov 23rd
Thanksgiving Break - no classes

Dec 1st
Tues - Northern Hardwood Forests
Thurs – Review

Lab #11 – Winter Twig ID, Quiz 10

Dec 8th
Final Lecture exam (Dec 8th)

Lab #12 – Lab Review, Quiz 11