

PLANT BIOLOGY 102
Winter Quarter 2009
Week 1

Welcome to Plant Biology 102!

I am the instructor-in-charge of this course. My name and where you can reach me is:

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This course is part of a two quarter sequence of which you have had the first half. Most of you have had me for PCMB 101, and you will find the organization of the two courses reasonably similar. In PCMB 101 you were introduced to the vascular plant with an emphasis on its form, function and reproduction. This quarter in PCMB 102 we'll see how plants got the way they are as we treat their evolution and genetics. Then, we'll see how they interact with the environment and one another as we examine their ecology. Finally, we'll look at the many different kinds of organisms in a variety of natural ecosystems. These final lectures are all new this year and attempt to synthesize what you've learned in both quarters.

The laboratory for PCMB 102 runs for three hours once a week in room 014 Jennings Hall. It is the room immediately down the hall from the room in which you had recitation in PCMB 101. You will need a laboratory manual that is available at Uniprint at Tuttle Park Place, 2055 Millikin Way (In the Tuttle Park Place Garage). Be sure to get the manual before the first laboratory.

Also available at Uniprint at Tuttle Park Place, 2055 Millikin Way (In the Tuttle Park Place Garage) is the lecture manual.

This manual contains:

1. Learning objectives for each and every lecture. These are designed to help you determine what I think is important in the lecture. They should play an important role in your studying for the course, particularly in studying for the examinations.
2. A summary of the material covered in each and every lecture. As part of this summary is all the material written on the slides used in the lectures. This is provided to you to aid you in taking lecture notes and is not intended to substitute for regular lecture attendance.
3. Terms you should know from each and every lecture. To be able to do well in this course you will have to increase your vocabulary. These lists with their definitions are designed to help you do this.
4. Recommended readings in Introductory Botany, 2nd Ed. By Linda Berg. The readings will be in the lecture manual. This is the assigned text and the same one you used in PB 101.

If you attend lectures regularly and use the manual conscientiously, it will help you learn the material and it may help you get a better grade, or even a passing one.

Each week in the laboratory you will be required to fill in various worksheets. These will be handed in at the end of the session. Your TA will grade these, and return them to you during the next laboratory. Each week's worksheet is worth 15 points.

Also, each week in the laboratory there will be a quiz on the previous week's lectures. These are worth 15 points and take the place of a second midterm. This means they are important and you should study for them.

The midterm examination covers the materials in lectures 1 through 12. This examination is worth 100 points. The final examination will cover material from lectures 13 through 26, and laboratories 1 through 8. This examination is worth 200 points.

There will also be various papers during the quarter that you will have to complete.

Your final grade will be computed according to the following percentage of your total points:

93 – 100% = A	80 – 82% = B-	67 – 69% = D+
90 – 92% = A-	77 – 79% = C+	60 – 66% = D
87 – 89% = B+	73 – 76% = C	00 – 60% = F
83 – 86% = B	70 – 72% = C-	

This is the official grading system used at OSU. If necessary I will adjust the percentage figures for letter grades down to D, but you must accumulate 60% to pass!

Exams and worksheets:

Midterm Exam	100 points
Final Exam	200 points
Lecture Quizzes	90 points
Weekly Lab Worksheets	120 points

Lab Reports:

Lab Report (Symbiotic Nitrogen Fixation)	60 points
Lab Report (Plant Competition)	30 points
Lab Report (Fast Plants)	60 points

TOTAL 660 points

STUDENTS WITH DISABILITIES

Students with disabilities who need materials in an alternate format, or any other accommodation, can contact in the PCMB department office (292-8952) to arrange this.