

**Course:** Plant Biology (BIO 205-005)  
**Instructor:** Dr. J. Craig Bailey  
**Office:** 2339 Center for Marine Science  
**Phone:** 962-2371  
**Email:** baileyc@uncwil.edu  
**Lecture:** 11 AM - 12:15 PM , M & W, Friday Hall 150  
**Laboratory:** 2 PM - 4:50 PM, M, Friday 132  
**Text:** "Plant Biology" by TL Rost, MG Barbour, CR  
Stocking & TM Murphy  
**Lab manual:** "Biology 205 Lab Manual"

**Grading policy:** 450 points are available. Exams I and II are worth 100 points. The third exam (the FINAL) will be worth 150 points. The additional 50 points available on the final exam (Exam III) will be drawn from material covered on tests I and II; thus, the final is semi-comprehensive. A total of 100 points will be available from laboratory and will be factored into your final grade. It will not be possible for you to improve your lecture grade via "extra credit". The grading scale is as follows and will be strictly enforced.

90-100% = A  
80-80.9% = B  
70-70.9% = C  
60-60.9% = D  
below 60% = F

\*\*\*\* I will arrange review sessions prior to each exam. \*\*\*\*

**Make-up exams:** If you have an excused absence, then you may make-up an exam you have missed. Make-up tests, however, will not be identical to exams given during the regularly scheduled exam period. Under only the most dire circumstances should you miss an exam. If you miss an exam and your absence is unexcused, then you will receive zero (0) points for that test. *You should call or email me if you will miss an exam.*

**Office hours and getting help:** I will make myself available to answer your questions after lecture. If you cannot meet with me at this time, email or phone me for an appointment. If it is possible, I will also answer questions submitted via email. Office hours are Thursdays 3-5 PM, but you should call before arriving at CMS.

### Tentative schedule for lecture topics and exams

Jan.	7	Course introduction
	9-14	Plant cells and organelles
	16-23	Photoautotrophic algae (greens, reds & browns)
	28-30	Ultrastructure and origin of plastids
Feb.	4-6	Fungi
	11	<b>EXAM I</b>
Feb.	13-18	The origin of land plants
	20-27	Vegetative morphology
Mar.	11-13	Primary and secondary growth
	18-25	Photosynthesis
	27	<b>EXAM II</b>
Apr.	1-3	Secondary plant compounds
	8-10	Water relations/transport/nutrients
	15	Mosses/ferns
	17	Gymnosperms
	22-24	Angiosperms/floral morphology
	29	Photoperoid/plant hormones
May	1	Plant biotechnology
	3	<b>EXAM III (FINAL)</b> 3-6 PM, 150 Friday Hall

#### If you want to do well in this course:

1. Note, most of the exam material will be drawn from the lectures.
2. Do not miss class! Your grade will suffer disproportionately if you miss lectures.
3. Sit in the front of the lecture room if possible. Studies demonstrate that students who sit nearer the instructor typically make better grades.
4. Develop a botany vocabulary. Pay special attention to bold-faced terms in your text and definitions for terms introduced in lecture.
5. If you have a question, then ask it! I'll be happy to answer questions for you, or find the answer if I don't have one handy.
6. You will not do well in this course if you only study the night before the exam. Prepare early. Re-read your notes each evening after lecture. Read the text carefully. Re-writing notes is a good learning exercise.
7. Study alone prior to the exam. Then you can join a study group of 3-5 persons for a few evenings if you are compelled to

do so. Quiz one another; read each other's notes. The night before the test study as you think best, but get some rest.