

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Saturday					
2	3	4	5	6	7
	8-10: Introduction Cyanophyta	8-10: Chlorophyta	8-10: Non-green algae	8-10: Hepatophyta	
<u>Plant Morphology, Biology 392, Summer I, 2008</u>					
		2-5: Labs 1		2-5: Labs 2 & 3	
8	9	10	11	12	13
	8-10: Lab 4	8-10: Bryophyta 2-5: Review Lab	8-8:30, Lab Ex I 8:30-10, Lec. Ex I	8-10:anatomy Lycopodiophyta 2-5: Labs 5 & 6	8-10: Pteridophyta
15	16	17	18	19	20
	8-10: Equisetales Psilotales	8-10: Lab 7 2-5: Lab 7 cont.	8-8:30LabEx II 8:30-10Lec.Ex II	8-10: Cycad, Ginkgo 2-5: Lab 8	8-10: Conifers
22	23	24	25	26	27
	8-10: Lab 9	8-10: Angiosperm veg. 2-5: Lab 10	8-8:30LabExIII 8:30-10Lec.ExIII	8-10: Angiosperm reproductive 2-5: Angiosperm cont	8-10: Labs 11 & 12
29	30	1 July	2	3	4
	8-10: Field Trip to Museum	8-10:Final exam			5

COURSE: BIOLOGY 392 - PLANT MORPHOLOGY

INSTRUCTOR: Dr. Joan Hudson

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Office Hours: M-Th: 12-2:00 or by appointment

TEXT: *A Photographic Atlas for the Botany Laboratory* by Van De Graaf *et al.*

Plant Morphology Lab Exercises by Hudson (purchased from Biology Department Office, Rm 300)

Optional: General Botany textbook

GRADING: 3 Lab Exams - - - - - 50 pts. each = 150
3 Lecture Exams - - - - - 100 pts. each = 300
1 COMPREHENSIVE FINAL - - - - - 150 pts. = 150
600

A = 90-100% , B = 80-89% , C = 70-79% , D = 60-69% , F = 0-59%

COURSE OBJECTIVES:

1. Learn the different phyla of photosynthetic organisms
2. Learn the life cycles of representative species of the different phyla of photosynthetic organisms
3. Learn vegetative and reproductive characters of representative species of the different phyla of photosynthetic organisms
4. Develop an appreciation for the diversity of plant life and be able to recognize the different phyla in nature.

ATTENDANCE: Regular and punctual attendance is expected as stated in the University catalogue. Perpetual tardiness will be recorded as absences. Good attendance is no more than 2 classes missed.

GOOD ATTENDANCE OF BOTH LECTURE AND LAB IS ESSENTIAL FOR A GOOD GRADE IN THIS COURSE.

MATERIALS REQUIRED: White drawing paper, large ring binder, and pencils (lead/colored) for lab notebook.

NOTE: The botany section of an introductory biology text or a general botany text will be a good reference text. A text such as this, is very good for general illustrations and life cycles.

The lecture and lab in this course are coordinated and many of the plants described in lecture are then looked at in lab. Keep this in mind when organizing your lab notebook. Sketch/draw and correctly label the plant material in lab (from either live material or prepared slides) in enough detail so that they can be used for study for both lab and lecture exams. Draw 1-3 structures per page, using only one side of the paper. Handouts given out in lecture should not only be used for lecture, but also for lab. The same is also true for lab handouts and information. Use *A Photographic Atlas for the Botany Laboratory* for both lecture and lab.