

SYLLABUS
INTRODUCTION TO MODERN BIOLOGY, BIOL 2111, Spring, 2006
Textbook: *Biology*, 7th ed., by Raven et al.

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BIOL 2111 consists of weekly workshops that accompany BIOL 2311 (see BIOL 2311 syllabus). Registration in BIOL 2111 requires registration in BIOL 2311. The workshops will consist of reviews and discussions of the material covered in BIOL 2311. Quizzes will be given at the beginning of each BIOL 2111 workshop and will cover material given in the previous or current lectures in BIOL 2311. **Absolutely no make-up quizzes will be given in the BIOL 2111 workshops.** The average of ten quiz scores in BIOL 2111 will constitute 20% of the final grade for BIOL 2311. The final grades in BIOL 2111 and 2311 will be the same and will be based on the average of five of six exams in BIOL 2311 (80%) and the average grade of ten BIOL 2111 workshop quizzes (20%). Lecture notes for BIOL 2311 will be posted on the course web site. Additional material will be presented in the lectures and the workshops and, therefore, it will be prudent for students to attend and participate in the lectures and workshops and to read the assigned textbook chapters.

Workshop	Time	Location	TA Name
2111-001	Tuesday. 4:30-5:20pm	CB1.118	A. Dixit
2111-002	Wednesday. 10:00-10:50am	CB1.122	H. Nguyen
2111-003	Wednesday. 11:00-11:50 am	CB1.122	A. Wensel
2111-004	Thursday. 8:30- 9:20 am	CB1.122	Nguyen/Wensel

WORKSHOP SCHEDULE

Workshop Week	DATE	TOPIC	CHAPTER
1	17 Jan-19 Jan	Cell Structure, Membranes	5, 6
2	24 Jan- 26 Jan	Cell-Cell Interactions, Cell Division	7, 11
3	31 Jan- 2Feb	Energy and Metabolism	8
4	7 Feb- 9Feb	Cellular Respiration	9
5	14Feb-16Feb	Photosynthesis	10
6	21Feb- 23 Feb	Sexual Reproduction and Meiosis	12
7	28 Feb- 2 Mar	Patterns of Inheritance, DNA	13, 14
8	14 Mar- 16 Mar	Genes and How They Work	15
9	21 Mar - 23 Mar	Genomes	17
10	28 Mar - 30 Mar	Control of Gene Expression	18
11	4 Apr- 6 Apr	Development – Part 1	19
12	11 Apr- 13 Apr	Development – Part 2	51
13	18 Apr - 20 Apr	Cancer Biology, Gene Technology	16, 20