

BIOL 4374 / BCHS4313 Course Outline
Fall 2006

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Office Hours: Wednesday 4:00 - 5:30 or by appointment

Text: Alberts, Johnson, Lewis, Raff, Roberts & Walter
Molecular Biology of the Cell, 4th Edition

Pre-requisites: Biochemistry (BCHS 3304)
Genetics (BIOL 3301)

4 Exams and 1 Comprehensive Final Exam = 5 Exams

50 Questions: multiple choice, matching, true-false, short answer

Each question is worth 2 pts. Each exam curved to 72% average score.

"Throw out" lowest score of the first 3 exams. Total possible points = 400.

Letter Grades: A > 89%, B = 80 - 89, C = 70 - 79, D = 60 - 69, F < 59%

Exam 1	Sep 19 (Tues)
Exam 2	Oct 17 (Tues)
Exam 3	Nov 14 (Tues)
Exam 4	Dec 14 (Thurs)
Final Exam	Dec 14 (Thurs)

THERE WILL BE NO MAKE UP EXAMS

**ALL VIOLATIONS OF ACADEMIC HONESTY WILL BE
HANDLED IN THE HARSHTEST POSSIBLE MANNER**

Cell Biology / Cell Biochemistry
Preliminary Lecture Schedule

Date		Topics	Chapters	
Aug	22	Tu	Cells & Genomes	1
	24	Th	Proteins	3
	29	Tu	Proteins	3
	31	Th	Visualizing Cells	9
Sep	5	Tu	Membrane Structure	10
	7	Th	Membrane Transport	11
	12	Tu	Membrane Transport	11
	14	Th	Membrane Excitability	11
	19	Tu	Exam 1	
	21	Th	Cell Compartments & Protein Sorting	12
	26	Tu	Cell Compartments & Protein Sorting	12
	28	Th	Intracellular Vesicular Traffic	13
Oct	3	Tu	Intracellular Vesicular Traffic	13
	5	Th	Intracellular Vesicular Traffic	13
	10	Tu	Cell Signaling	15
	12	Th	Cell Signaling	15
	17	Tu	Exam 2	
	19	Th	Cell Signaling	15
	24	Tu	Cytoskeleton	16
	26	Th	Cytoskeleton	16
Nov	31	Tu	Cytoskeleton	16
	2	Th	Cell Cycle & Death	17
	7	Tu	Cell Cycle & Death	17
	9	Th	Cell Division	18
	14	Tu	Exam 3	
	16	Th	Cell Junctions, Cell Adhesions	19
	21	Tu	Cell Junctions, Cell Adhesions	19
	23	Th	Thanksgiving – No Class	
Dec	28	Tu	Cancer	23
	30	Th	Cancer	23
	14	Th	Exam 4 & Comprehensive Final	

THIS SCHEDULE IS SUBJECT TO CHANGE WITHOUT NOTICE

**This is a difficult class.
We will cover a vast amount of information with little repetition
Don't Fall Behind !!**

SUGGESTIONS TO HELP YOU WITH THIS COURSE:

1. Come to class. You chose this class at this time and it is costing someone money for you to be here. Get your money's worth.
2. Take good notes. I will try to provide thumbnail copies of important slides that I use during lecture. Everything will be available on the web site.
3. Read your textbook. Minimally, read what is covered in lecture. Better yet, read each chapter completely while focusing on lecture topics.
4. Pay close attention to graphs, figures, and pictures that illustrate concepts and ideas.
5. Study. Keep up (or ahead?). I do not expect that you will properly understand what is covered in a lecture at the end of that lecture. You will need to look your notes over, read the text, and THINK about things. Most importantly, do not expect to "learn" everything the weekend (or night!) before the exam.
6. If you need help, contact me. I have office hours set. I will return your calls. If necessary, I will make an appointment with you to help. Do not wait until it is too late.

**Each student MUST take the Major Field Exam
in order to get a grade for this course.**

Performance on the Major Field Exam will have *no bearing* on the student's grade for this course.

However, students who fail to complete the Major Field Exam by the end of the semester will receive a grade of Incomplete (I).

Exam is given in late November.

Additional information on taking this exam will be provided later.