

Instructors:	G. Prody	K. Cude
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Lecture: MWF 11, CB 285

Texts: Voet and Voet, *Biochemistry* 3rd edition (2004). Wiley & Sons, Inc.
Alberts et.al, *Molecular Biology of the Cell* 4th edition (2005) Garland Science

We will also be posting additional reading assignments from journals

Exams: 2 evening midterm exams @ 100 points. Exams will be given from 6-8 pm.

Clear your schedules NOW!!!!!!!!!!!!!!

Wednesday April 19

Wednesday May 10

1 cumulative final @ 200 points

Monday June 5, 10:30 am-12:30 pm

Grading

Your grade will be determined from the sum of your exam scores plus points you receive for **class participation** as follows: Each student will fill out an index card with pertinent information. During class, I (GP) will call on students to answer questions by drawing a card. You will receive one + for being present and another for providing a correct response. Lifelines are available. At the end of the quarter, we will normalize your +/- values and determine your total out of 50 possible points. **The class average for the CUMULATIVE total point sum will be a B-**.

Course content:

This quarter we will concentrate mainly on molecular biology and we hope you will be as excited as we are about the course content. Knowledge in this field is being accumulated at an incredible rate. We make every attempt to keep current, but the field changes so rapidly that occasionally we miss something. Please be sure to read ahead in your texts, as this will help you understand the lecture material (We'll let you know if your texts are out of date in spots).

We will be covering an incredible amount of material this quarter and even at that, will only be scratching the surface of the information available on these topics. It is imperative that you keep up with the reading. We look forward to your participation in class discussions. As usual, the exams will consist mostly of problems related to the material covered. "Practice makes perfect!"

In addition, we encourage you to attend as many chemistry and biology seminars as possible. The Chemistry seminars are held Fridays at 3:30 pm in CB 285. Biology seminars are Wednesdays at 4 pm in BI 212. NB: The seminar on W 4/12 will be given by Dr. Cude.

Chem/Biol 471, Fall 2004
 Tentative Lecture Schedule
 Subject to CHANGE!

Reading Suggestions: *Those in italics refer to Alberts. Those in bold refer to Voet.*

<i>Week</i>	<i>Monday</i>	<i>Wednesday</i>	<i>Friday</i>
#1 Mar 27-31	no class	Intro to Course Ch 5, 29 (GP)	Transcription Ch 31 (GP)
#2 Apr 3-7	RNA processing (I) GP	RNA processing (II) GP	Translation Ch 32 (GP)
#3 Apr 10-14	DNA binding proteins (GP)	Regulation/Operons (GP)	Regulation of Cell Processes Chp 3,15 (KC)
#4 Apr 17-21	Introduction to Cell Cycle Chp 17 (KC)	Review *Evening EXAM 1*	Cell Cycle in Depth Chp 15-18 (KC)
#5 Apr 24-28	Cell Cycle in Depth Chp 15-18 (KC)	Cell Cycle in Depth Chp 15-18 (KC)	Cell Cycle in Depth Chp 15-18 (KC)
#6 May 1-5	Checkpoints Chp 17 (KC)	Immunity (I) Ch 35 (GP)	Immunity (II) (GP)
#7 May 8-12	Immune (III) (GP)	Review *Evening EXAM 2*	HIV (I) (GP)
#8 May 14-19	HIV (II) (GP)	Flu Ch 33 (GP)	Cancer Chp 23 (KC)
#9 May 22-26	Cancer Chp 23 (KC)	DNA damage repair Chp 5 (KC)	DNA damage repair Chp 5 (KC)
#10	Memorial Day	Apoptosis	Apoptosis/Aging

May 29-Jun2	Holiday	Chp 17 (KC)	Chp 17 (KC)
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