MOLECULAR BIOLOGY – BIMM100
Winter 2010
SECTION ID: 673212

INSTRUCTOR: Aubrey Davis, Ph.D.

OFFICE: 4070A York Hall

CONTACT:
akdavis@ucsd.edu (please use the subject line: BIMM100)

OFFICE HOURS:
Tuesday 1:00-2:00 PM
Will be held in NSB 3211 conference room on 3rd floor.

REQUIRED TEXT:
"Molecular Cell Biology, 6th Edition," Lodish et al., 2007, W.H. Freeman & Co.(Molecular Cell Biology Bundle also includes "Working with Molecular Cell Biology: Student Companion & Solutions Manual")

LECTURES:
Tuesday, Thursday 11:00 AM – 12:20 PM
Peterson Hall, Rm 110

IMPORTANT DATES:

Quiz 1	January 26, Tuesday during beginning of lecture
Midterm 1	February 11, Thursday, in lecture
Quiz 2	March 2, Tuesday during beginning of lecture
Final Exam	March 18, Thursday, 11:30 AM – 2:30 PM, location TBA

TAs:

Jonathan Chang	joc003@ucsd.edu
Dane Clemenson	gclemens@ucsd.edu
Ian Crane	imcrane@ucsd.edu
Mai Khuong	mkhuong@ucsd.edu (or) mai.cherryblossom@gmail.com
Perry Lee	pyl001@ucsd.edu (or) perrylee11@gmail.com
Dean Morales	d1morale@ucsd.edu
Linda Vuong	livuong@ucsd.edu
Asako Yamamoto	asyamamo@ucsd.edu

WEBSITES:

Textbook: *http://bcs.whfreeman.com/lodish6e/*

Class related materials: *http://webct.ucsd.edu*

You can access WebCT using your University username and password. Check it frequently for announcements. I would like to encourage you to post any lecture/class related questions on the discussion board on WebCT so that the TAs (and I) can answer questions efficiently and everyone can benefit from the discussion.

COURSE OBJECTIVES —This course focuses on the molecular basis of biological processes with an emphasis on molecular organization of genes and the regulation of their expression. Also included are an introduction to experimental techniques used in molecular biology and recombinant DNA technology. By the end of the course you should have gained a good understanding of the most important molecules involved in regulating gene action, their structure-function relationships and the interactions that help control complex, yet fundamental, processes in the context of the entire genome. It is expected that you will master not only the known facts but develop an appreciation for the experimental methods used to unravel some of these biological mysteries. Armed with a basic understanding of the molecular biological principles, you should be able to apply this knowledge to solving problems for class, exams and in the pursuit of your careers.

LECTURE MATERIAL — Printable copies of lecture slides will be posted on WebCT. I will try to post the slides before each class whenever possible. The slides serve only as a guide, and the presentation in class may contain additional material (copyright issues may prohibit the posting of some slides). You may be tested on anything and everything presented in class. This will include topics and details not necessarily covered in your text and/or on the posted lecture notes, so please plan on attending the lectures if you want to do well! *Your lecture notes are your study guides for the exams.*

PROBLEM SETS — Problem sets will be posted on WebCT at the beginning of each week (weeks 1 – 9). The problem sets will not be graded but are intended to make sure that you understand the material. The answers will not be posted, however, the TAs will be able to check your answers during discussion sections.

DISCUSSION SECTIONS — The TAs will lead a 50 minute section/week and also hold office hours which should provide you with ample opportunity to seek help and get clarifications. Discussion sections are **required** and attendance will be taken

during each section. **In the event that a discussion section occurs on a holiday, you will need to attend your TAs' office hour that week instead.** The contact details, section times and TAs' office hours and locations will be posted on WebCT. You will need to enroll in a section by the end of the first week of class. To enroll in a section go to http://sections.ucsd.edu/. You will be able to make changes to your section enrollment only during the first week of class.

QUIZZES AND EXAMS — Quizzes and exams will consist of multiple choice, true/false, and short answer questions. Your performance in the class will be determined using the following criteria:

	Points	Percent
Section Attendance	50 (5pts/ week)	10
Quiz 1	50	10
Quiz 2	50	10
Midterm	125	25
Final Exam	225	45
Total	500	100

FINAL GRADES — Letter grades will be assigned as follows:

A = 90-100
B = 80-89
C = 70-79
D = 60-69
F $\leq$ 59

CLASSROOM ETIQUETTE —Please turn off your cell phones and refrain from talking to other students when the instructor is addressing the class. Make sure that computer use during lecture time is not disruptive to the instructor or to other students around you. Given the large class size and the short duration of the class, please be considerate towards other students by not walking in and out of the classroom for water/restroom breaks while the class is in session, unless a medical condition warrants it. If you must leave early, please sit at the back of the class so that any disruption is kept to a minimum.

EXAMS AND GRADING POLICIES:

1. Please note that exams will end promptly at the end of the scheduled time. You should plan on arriving on time. No time extensions can be granted for late arrivals. Further, in order to preserve the integrity of testing, no one will be admitted to the classroom for an exam 30 minutes after it has begun, ***or*** after the first student has finished the exam and left the classroom, ***whichever occurs earlier***, no matter what the excuse for showing up late. Failure to take the exam at the assigned time and place will result in a grade of zero.

2. Extraordinary circumstances (e.g. hospitalization) preventing you from taking an exam at the scheduled time must be submitted to the instructor in writing and must include official documentation in support of the excuse (doctor's note).

3. Your pens and an ID card (student or driver's license) are the only personal items you may have with you during the exam (backpacks, books, water bottles etc. can be stored in front of the class and may be picked up upon completion of the exam. **Please remember to turn cell phones off!**).

4. All questions must be answered in ink. Absolutely no re-grading requests can be accepted if you write your exams with pencils.

5. Cheating will not be tolerated and will result in a failing grade for this course. Further, the full extent of disciplinary actions as stated in UCSD's policy on academic integrity will be implemented. Please review the policy at: http://www-senate.ucsd.edu/manual/Appendices/app2.htm . Actions may be taken for looking at your neighbors' answers, talking or using your cell phone in any way during the exam, failure to establish your ID when turning in your exam, or altering your exam prior to submission for re-grading.

6. Requests to reconsider any grading must be submitted in writing along with your original exam. You must personally deliver these documents to me during office hours. Keep in mind the entire exam will be re-graded and may result in a lower score. The full request must be received *within one week of the exam return date.* Absolutely no requests for re-grading will be accepted after one week *from the time graded exams are available for pickup* (not after you pick them up, if that is later than when the exams were first handed back). Please be advised that exams will be photocopied, front and back, before they are returned to you. Thus, do not alter ANYTHING on an exam you are submitting for re-grading. Any inconsistencies will be considered a breach in academic honesty and will be grounds for failure of the course.