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TEXT: *Biology in Focus* by Campbell et al. (Pearson/Benjamin-Cummings).

LECTURES: Tuesday and Thursday, 9:30 - 10:50 AM, Peterson Hall 108

Date	Topic	Reading
March 29	(1) Intro to Animal Physiology & Nervous System I	Chapters 32.1 & 37.1 & 38.1
March 31	(2) Nervous System II	Chapter 37
April 5	(3) Nervous System III	Chapter 37
April 7	(4) Human Brain & Sensory System I	Chapter 38
April 12	(5) Sensory System II	Chapter 38
April 14	(6) Motor System	Chapter 39
April 19	Midterm Exam (I)	Lectures 1-6
April 21	(7) Endocrine System	Chapter 32
April 26	(8) Renal Function I	Chapter 32
April 28	(9) Renal Function II	Chapter 32
May 3	(10) Nutrition & Digestion I	Chapter 33
May 5	(11) Nutrition & Digestion II	Chapter 33
May 10	Midterm Exam (II)	Lectures 7-11
May 12	(12) Circulation I	Chapter 34
May 17	(13) Gas Exchange I	Chapter 34
May 19	(14) Gas Exchange II	Chapter 34
May 24	(15) Immune System I	Chapter 35
May 26	(16) Immune System II	Chapter 35
May 31	(17) Animal Reproduction	Chapter 36
June 7	Final Exam 8:00-11:00 AM, Peterson 108	Lectures 12-17 (50%), 1-11 (50%)

COURSE CONTENT: This course will include an in-depth presentation of current knowledge in animal physiology, at the molecular, cellular, and systems levels. BILD1, *The Cell*, serves as a prerequisite for this course.

COMMUNICATION: Announcements, updates, postings, previous lecture notes, class discussion forums, and exam grades will all be communicated using the courses Triton Education site (TED).

COURSE WEB SITE: There is a Triton Education site (TED) for the course <<http://ted.ucsd.edu>>. Student accounts are added on the first day of classes. Concurrent enrollment (Extension) students are not added automatically. Extension students should obtain a registration token from Extension's student services or the ACS Help Desk. More information is at <<http://sdacs.ucsd.edu/~icc/ce.php>>

PODCASTS OF LECTURES: Lectures will be podcast as long as students are using this resource. If students use Podcasts as a substitute for attending lectures or do not use them at all, Podcasting will stop without advance notice. To reach the Podcasts use your Web browser to go to <podcast.ucsd.edu>. You can listen to each lecture from that site or download it. These are audio files; no figures or video files are included.

OFFICE HOURS.

Dr. Su's office hours: Monday 1:00-2:00 PM, Bonner Hall 4146
IA's office hours: announced by the end of the first week of class.
An additional review session will be offered before each exam.

ELECTRONIC COMMUNICATION.

Preferred: You can ask questions on course material by posting a message on TED. If you have questions, please use the message board so that the answers will be available to others in the class.

Alternative (timely response not guaranteed): Please use my e-mail address (c8su@ucsd.edu) only for matters that **require** an instructor's personal attention and **be sure to include <BILD2> in the subject line.**

LECTURE SLIDES AND A STUDY GUIDE WILL BE AVAILABLE ON TED BEFORE LECTURE. The study guide includes a list of concepts or questions intended to focus your study and provide practice on course material. The study guide will include questions and concepts that you should be familiar with in order to do well on exams. The study guide will encompass material from your readings and lecture that will be covered on the exam. Answers to the study guide will not be provided, but will be discussed in sections. Please use this study guide as a basis for questions and discussion during study section.

SECTIONS: Sections will meet during the second week of the quarter (week of April 6th). Please check the Spring Quarter Schedule of Classes for times and locations. **Attendance at section is optional, but highly recommended.** Regular attendance at, and active participation in a section can weigh in your favor if your final grade is just below a grade line. For example, a student who just missed an "A" but regularly participated in sections will be boosted to an "A" grade. For these purposes, participation is defined as active participation in discussions, not just attendance. The sections are designed to provide a forum for you to ask questions about the course material and receive additional instruction.

PROBLEM SETS: Problem sets will be posted on TED periodically throughout the quarter, but they will not count toward your grade. You don't need to hand in the problem sets. The questions serve to help you assess whether you understand major topics that will be covered on an upcoming exam and provide you with an assessment of where you should concentrate future study efforts. Questions regarding problem sets will be discussed at section. Please note that problem sets will be similar to but not necessarily in the same format as exam questions.

REVIEW SESSIONS: Will be conducted by IAs before the exam. A schedule will be posted.

EXAMS:

1. SCHEDULE (Locations: Peterson 108):

Midterms:	Tuesday, April 19th	9:30 to 10:50 am
	Tuesday, May 10th	9:30 to 10:50 am
Final:	Tuesday, June 7th	8:00 to 11:00 am

2. **MAKE-UP EXAMS:** We don't offer a makeup midterm because of the impossibility of writing a wholly new exam that is of the same difficulty as the one taken by the rest of the class. We will base your grade on the midterm exam and the final exam. This will put more weight on your performance on those exams. You may miss a midterm exam only in the following circumstances:
- A. You are too ill to take the exam. In order to be excused from an exam or to take a make-up exam (The instructor decides which is most appropriate for you) you must contact Dr. Su and let her know that you are ill as soon as it is possible to do so (before the exam, if it is at all possible), **and you MUST bring verification written by a physician that you were too ill to take the exam when it was scheduled.**
 - B. You have an extremely pressing need to be out of town at the time when the exam is scheduled (not the day before or the day after) AND you have arranged the make-up exam at least one week in advance. You cannot arrange a make-up exam after the fact. It will help in making these arrangements if you bring written confirmation of your need to miss the regularly scheduled exam when you ask to schedule a make-up exam. In any case, you will also need to bring the corroborating documents to the make-up exam.
 - C. You are taking an exam for a course for academic credit toward graduation that conflicts with the exam for this course AND you have arranged the make-up exam at least one week in advance. You must bring corroborating documents to the make-up exam.

PLEASE NOTE: Having another mid-term scheduled on or near the day of our mid-term is not a reason to miss an exam.

3. **GRADES:** Your grade for this course will be *largely* based on your performance in two mid-term exams and a final. Each mid-term exam will be worth 100 points and the final will be worth 200 points

The final course grade will be determined by using a standard curve. An A will be assigned for scores that are greater than one standard deviation above the mean, a B for scores that are above the mean, a C for scores that are below the mean, a D for scores that are more than one standard deviation below the mean, and an F for scores that are more than two standard deviations below the mean. If scores have a normal distribution, grading on a curve implies that 16 % will receive A's, 34 % B's, 34 % C's, and 16 % below C. The exact distribution between grades can vary depending on the distribution of the scores.

4. **ADDITIONAL SUPPORT:** The office of Academic Support and Instructional Services gives students access to counselors who can help them develop reading and writing strategies, design better time management systems, write more effective class notes, and organize writing assignments. Contact OASIS (<http://oasis.ucsd.edu/>).

5. **ACADEMIC DISHONESTY:** All suspicions of academic misconduct will be reported to the Academic Integrity Office according to university policy. Those students found to have committed academic misconduct will face administrative sanctions imposed by their college Dean of Student Affairs and academic sanctions imposed by the instructor. The standard administrative sanctions include: the creation of a disciplinary record (which will be checked by graduate and professional schools); disciplinary probation; and attendance at an Academic Integrity Seminar (at a cost of \$75). Students can also face suspension and dismissal from the University; those sanctions are not at my discretion. Academic sanctions can range from an F on the exam to an F in the class. The appropriate sanctions are determined by the egregiousness of the Policy violation. Students who assist in or are complicit with cheating could also be in violation of the Policy. Thus, students who become aware of their peers either facilitating academic misconduct or committing it should report their suspicions to an instructor for investigation. Any student caught cheating on an exam will receive a zero for that exam. See <http://weber.ucsd.edu/~dkjordan/resources/cheat.html> for additional information.