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**TEXT:** *Campbell Biology* (11<sup>th</sup> Edition).

**LECTURES:** Tuesday and Thursday, 8:00 –9:20 AM, CENTR 115.

Date	Topic	Reading
Jan 10	(1) Intro to Animal Physiology	Chapters 40
Jan 12	(2) Nutrition & Digestion I	Chapter 41
Jan 17	(3) Nutrition & Digestion II	Chapter 41
Jan 19	(4) Circulation I	Chapter 42
Jan 24	(5) Circulation II	Chapter 42
Jan 27	(6) Gas Exchange	Chapter 42
Jan 31	Exam (I)	Lectures 1-6
Feb 2	(7) Immune System I	Chapter 43
Feb 7	(8) Immune System II	Chapter 43
Feb 9	(9) Renal Function I	Chapter 44
Feb 14	(10) Renal Function II	Chapter 44
Feb 16	(11) Endocrine System I	Chapter 45
Feb 21	(12) Endocrine System II	Chapter 45
Feb 23	(13) Animal Reproduction	Chapter 46
Feb 28	Exam (II)	Lectures 7-12
March 2	(14) Nervous System I	Chapter 48
March 7	(15) Nervous System II	Chapter 48
March 9	(16) Nervous System III	Chapter 48-49
March 14	(17) Sensory System	Chapter 50
March 16	(18) Motor System	Chapter 50
March 23	Exam (III)	Lectures 13-18

**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, lecture slides, class discussion forums, and exam grades will all be communicated using the courses Canvas site.

**COURSE WEB SITE:** There is a Canvas site for the course. 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.

**LECTURE RECORDINGS:** Lectures will be podcasted. 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.

**OFFICE HOURS.**

Dr. Su's office hours: Monday 1:00-2:00 PM, via Zoom.

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 are highly encouraged to ask questions on course material by posting a message on Canvas. If you have questions, please post them to Discussion 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](mailto:c8su@ucsd.edu)) only for personal 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 CANVAS 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 Jan 16<sup>th</sup>). Attendance at section is **optional**. 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 Canvas 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.

**CLICKERS:** Clickers will be used throughout the lectures. Please register your clicker in Canvas. **Extra credit points can be earned by answering quiz questions correctly and by responding (correctly or incorrectly) to discussion clicker questions.** Each student's responses to clicker questions will be posted on Canvas so that you can estimate whether you are on track for receiving full credit. **Please note that if you attempt to negotiate your final grade, you will lose all your bonus points.**

**EXAMS:**

1. Your grade will be based on your performance in the three equally weighted exams, each covering 6 lectures. **Exams will take place at the lecture hall from 8:00 to 9:20 AM on Jan 31 (Tue), Feb 28 (Tue) and March 23 (Thu).**
2. **MISSING EXAMS:** **We don't offer makeup exams** 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. You may miss an exam only in the following circumstances:
  - A. You are too ill to take the exam. In order to be excused from an exam 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 encounter extenuating circumstances. You will also need to bring corroborating documents in order to have the exam waived. We will base your grade on the remaining two exams.

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

**GRADES:** The final course grade will be determined either by using a standard curve or a straight grading

scale depending on which yields the highest number of A's. In the second case the top five scores will be averaged, and that average will be considered "100%." An A will be 90% and above, a B 80%-89%, a C 70%-79%, and a D 60%-69%. Plus or minus signs will be added for grades within 2% of cutoff between letter grades. The exact distribution between grades can vary depending on the distribution of the scores. The final course grade will be determined either by using a standard curve or a straight grading scale depending on which yields the highest number of A's for the entire class.

**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.