

**INSTRUCTOR:** Dr. Chih-Ying Su

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

**LECTURES:** Tuesday and Thursday, 8:00 - 9:20 AM, Center Hall 214

Date	Topic	Reading
Jan 9	(1) Intro to Animal Physiology	Chapters 40
Jan 11	(2) Nutrition & Digestion I	Chapter 41
Jan 16	(3) Nutrition & Digestion II	Chapter 41
Jan 18	(4) Circulation I	Chapter 42
Jan 23	(5) Circulation II	Chapter 42
Jan 25	(6) Gas Exchange	Chapter 42
Jan 30	Midterm Exam (I)	Lectures 1-6
Feb 1	(7) Immune System I	Chapter 43
Feb 6	(8) Immune System II	Chapter 43
Feb 8	(9) Immune System III	Chapter 43
Feb 13	(10) Renal Function I	Chapter 44
Feb 15	(11) Renal Function II	Chapter 44
Feb 20	(12) Endocrine System	Chapter 45
Feb 22	(13) Animal Reproduction	Chapter 46
Feb 27	Midterm Exam (II)	Lectures 7-12
March 1	(14) Nervous System I	Chapter 48
March 6	(15) Nervous System II	Chapter 48
March 8	(16) Nervous System III	Chapter 48-49
March 13	(17) Sensory System	Chapter 50
March 15	(18) Motor System	Chapter 50
March 22	Final Exam 8:00-11:00 AM	Lectures 13-18 (50%), 1-12 (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](#).

**COURSE WEB SITE:** There is a Triton Education site for the course <<https://tritoned.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. 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 are highly encouraged to 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](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 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 Jan 15<sup>th</sup>). Please check the Winter Quarter Schedule of Classes for times and locations. **Attendance at section is optional, but highly recommended.** The sections are designed to provide a forum for you to ask questions about the course material and receive additional instruction.

**CLICKERS:** Clickers will be used throughout the lectures. Please register your clicker using Triton Ed. **Extra credit points can be earned by answering quiz questions correctly and by responding (correctly or incorrectly) to discussion clicker questions.** The **discussion** questions will be used throughout the lecture to advance an in-depth understanding of the material. Each student's responses to clicker questions will be posted on Triton Ed several times during the quarter so that you can estimate whether you are on track for receiving full credit.

**PROBLEM SETS:** Problem sets will be posted on Triton ED 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:**

Midterms:	<b>Tuesday, Jan 30</b>	<b>8:00 to 9:20 am</b>
	<b>Tuesday, Feb 27</b>	<b>8:00 to 9:20 am</b>
Final:	<b>Thursday, March 22</b>	<b>8:00 to 10:59 am</b>

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.

