INSTRUCTOR: Dr. Chih-Ying Su

IAs: Ye Zhang (yez024@ucsd.edu)
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TEXT: *Campbell Biology* (11th Edition).

LECTURES: Tuesday and Thursday, 8:00 - 9:20 AM, YORK 2622

Date	Topic	Reading
Jan 8	(1) Intro to Animal Physiology	Chapters 40
Jan 10	(2) Nutrition & Digestion I	Chapter 41
Jan 15	(3) Nutrition & Digestion II	Chapter 41
Jan 17	(4) Circulation I	Chapter 42
Jan 22	(5) Circulation II	Chapter 42
Jan 24	(6) Gas Exchange	Chapter 42
Jan 29	Midterm Exam (I)	Lectures 1-6
Jan 31	(7) Immune System I	Chapter 43
Feb 5	(8) Immune System II	Chapter 43
Feb 7	(9) Renal Function I	Chapter 44
Feb 12	(10) Renal Function II	Chapter 44
Feb 14	(11) Endocrine System I	Chapter 45
Feb 19	(12) Endocrine System II	Chapter 45
Feb 21	(13) Animal Reproduction	Chapter 46
Feb 26	Midterm Exam (II)	Lectures 7-12
Feb 28	(14) Nervous System I	Chapter 48
March 5	(15) Nervous System II	Chapter 48
March 7	(16) Nervous System III	Chapter 48-49
March 12	(17) Sensory System	Chapter 50
March 14	(18) Motor System	Chapter 50
March 21	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.

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) 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 14th). **Attendance at section is mandatory; 10% of your grade will be based on your section performance.** The sections are designed to provide a forum for you to ask questions about the course material and receive additional instruction.

Section	Day of Week	Time	Location	IA	Email
A01	M	10 - 10:50 am	CENTR 207	Kexin Li	kel002@ucsd.edu
A02	M	11 - 11:50 am	CENTR 207	Mrinalini Verma	m4verma@ucsd.edu
A03	M	1 - 1:50 pm	CENTR 207	Su Hnin	shnin@ucsd.edu
A04	M	3 - 3:50 pm	HSS 2321	Jasmine Sabei	jsabei@ucsd.edu
A05	M	4 -4:50 pm	HSS 2321	Hoejeong Kim	hok025@ucsd.edu
A06	W	3 - 3:50 pm	HSS 2321	Chenxin Tian	c5tian@ucsd.edu
A07	W	4 - 4:50 pm	HSS 2321	Ye Zhang	yez024@ucsd.edu
A08	Tu	10 - 10:50 am	HSS 2150	Ye Zhang	yez024@ucsd.edu
A09	Th	10 - 10:50 am	HSS 2150	Jiali Tan	jit082@ucsd.edu

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*.** 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. **Please note that if you attempt to negotiate your final grade, you will lose all your bonus points.**

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:	**Tuesday, Jan 29**	**8:00 to 9:20 am**
	Tuesday, Feb 26	**8:00 to 9:20 am**
Final:	**Thursday, March 21**	**8:00 to 10:59 am**

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. We will base your grade on one midterm exam, the final exam and your section performance. 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 on the day when the exam is scheduled (not the day before or the day after). You will also need to bring the corroborating documents in order to have the exam waived. We will base your grade on one midterm exam, the final exam and your section performance.

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 based on your performance in **two mid-term exams** and **the final exam (90%)** and **section participation (10%).** Each mid-term exam will be worth 90 points and the final will be worth 180 points. Your section performance will be evaluated by your IAs (40 points). The final course grade will be determined by using a standard curve. Any extra point you accrue by answering the clicker questions during the quarter will likely bring your grade to a higher level (e.g. B to B+).

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.