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

**LECTURES:** Tuesday and Thursday, 8:00 - 9:20 AM, York 2722

Date	Topic	Reading
April 4	(1) Intro to Animal Physiology & Nervous System I	Chapters 32.1 & 37.1 & 38.1
April 6	(2) Nervous System II	Chapter 37
April 11	(3) Nervous System III	Chapter 37
April 13	(4) Human Brain	Chapter 38
April 18	(5) Sensory System	Chapter 38
April 20	(6) Motor System	Chapter 39
April 25	(7) Review	Chapter 37-39
April 27	Midterm Exam (I)	Lectures 1-6
May 2	(8) Endocrine System	Chapter 32
May 4	(9) Renal Function I	Chapter 32
May 9	(10) Renal Function II	Chapter 32
May 11	(11) Nutrition & Digestion I	Chapter 33
May 16	(12) Nutrition & Digestion II	Chapter 33
May 18	(13) Circulation I	Chapter 34
May 23	Midterm Exam (II)	Lectures 8-13
May 25	(14) Gas Exchange I	Chapter 34
May 30	(15) Gas Exchange II	Chapter 34
June 2	(16) Immune System I	Chapter 35
June 6	(17) Immune System II	Chapter 35
June 8	(18) Animal Reproduction	Chapter 36
June 15	Final Exam 8:00-11:00 AM	Lectures 14-18 (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.

**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 3146  
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 April 10<sup>th</sup>). 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.

**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. Although it is irrelevant whether the discussion questions are answered correctly or incorrectly, it is expected that students participate in the discussion. 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>Thursday, April 27</b>	<b>8:00 to 9:20 am</b>
	<b>Tuesday, May 23</b>	<b>8:00 to 9:20 am</b>



