

Lecture: 3:30 – 4:45 PM, M-W, BC 1011

Lab:

Section A: 9:00 – 10:50 AM, Monday, BSC 1203

Section B: 11:00 – 12:50 PM, Wednesday, BSC 1203

Section C: 2:00 – 3:50 AM, Tuesday, BSC 1203

Section D: 4:00 – 5:50 PM, Tuesday, BSC 1203

Instructor: Dr. Colleen McDonough

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Office Hours: T: 10:00-11:00 a.m., W: 9-10 AM, or other times by appointment

TEXT: *Principles of Anatomy and Physiology*, 12th edition (2008) or 13th edition (2011), by G. J. Tortora & B. Derrickson, John Wiley & Sons (when giving page numbers in class, may differ from your edition).

LAB MANUAL: All lab information is given on-line. Some of you may have purchased *Laboratory Manual for Human Anatomy and Physiology*, by M. E. Smith and W. J. Loughry, Pearson Custom Publishing, 3rd edition, 2002 which can be used. Purchasing the lab book is optional.

LAB KIT: Available in the bookstore. You will need to bring this to lab each week. You may also wish to purchase rubber or plastic examination gloves for use during the lab dissections. These are available at many local stores.

LAB SPECIMENS: Sheep heart, fetal pig and sheep kidney. As a result of the institution of lab fees for this course, these specimens will be provided to you. Buckets containing the specimens will be allocated at 1 bucket per 2 students, so you will need to identify a lab partner prior to the beginning of the dissections. As the number of buckets available is limited, it will be difficult to allow anyone to work on their own.

COURSE GOALS: This course builds on the anatomical information discussed in BIOL 2651 by examining all the major human physiological systems.

GRADING POLICY: Lecture is worth 400 points and lab is worth a total of 200 points. For lecture, there will be 4 exams and an optional final (See back page for test dates). Each exam will be worth 100 points. Any issues, problems or complaints about grading must be made within one week of receiving an exam back. No grade changes will be made after that time. For laboratory, 3 lab practicals (identifying structures from lab specimens) will be given. Each test is worth 50 points. Another 50 points will come from lab assignments.

Final grades will be based on cumulative points and will be distributed according to the following percentages (the total number of points represented by these percentages is shown in parentheses):

90-100 (540-600) A
80-89 (480-539) B
70-79 (420-479) C
60-69 (360-419) D

EXAMS: The 4 exams in this course will each cover lecture and reading material. Questions will be based on both the lecture and reading material assigned in class. Exams will be made up of mostly multiple choice questions with possibly a few essay questions. The optional final will be worth 100 points. If you take the final, I will drop the lowest of the five exam scores in calculating your final grade. (This means the final cannot hurt you. If the lowest score is the final, it will be dropped). So, if you have a bad day and bomb an exam, remember it's not the end of the world and that score can be dropped.

MAKE-UPS: Because the final is optional and can make up for a previous exam, there will be **NO** make-ups for any of the first four exams. If you miss one, for whatever reason, that will represent your dropped exam and you will have to take the final. This policy has a couple of important implications: (1) you better not miss more than one exam, (2) there is some incentive in taking the first four exams and possibly avoiding the final, and (3) make sure you do not wait and see what the first test is like before studying your hardest because you may need the drop grade for a subsequent test.

LABS: The 200 points of your grade will be based on your performance in the laboratory portion of this course. The 3 laboratory exams involving identification of specimens, etc **cannot** be made up!! Unlike the lecture exams, a missed lab exam cannot be covered by taking the final. If you miss a lab exam, you forfeit those points. Similarly, since lab exercises change from week to week, labs cannot be made up either. Thus, it is imperative you attend lab each week and crucial that you not miss a lab exam. **IMPORTANT NOTE:** Lab exams will involve some use of your specimens. This means you need to do a good and careful job on your dissections.

In addition to the three lab exams, there will be several lab exercises in which you will collect physiological data. You will analyze these data and turn in short (very short) lab reports. These reports are worth a total of 50 points. If you are not in class, you haven't done the lab and so you may not hand in the lab assignment for that lab.

ATTENDANCE: You must attend all lecture tests and laboratory days (see schedule). I do not take roll daily and it is your responsibility to decide whether or not to come to class. This should not be taken to mean you do not need to attend lectures and labs. The exams come primarily from the material covered in class and it is important to be there so you understand what's going on. I do not dock you points for missing lecture

class. If you miss a lecture, you are responsible for getting the material missed from a classmate. I do not provide students with a copy of my lecture notes or powerpoints. **Important Note:** For those of you who do attend class, you **must** turn off all electronic devices (cell phones, etc) prior to entering the classroom. Failure to do so during lecture will lead to immediate dismissal from the classroom. You must let me know if you are recording the lectures. No electric devices can be used during exams. Smart phones, watches, and glasses cannot be used. Failure to follow this policy will result in a zero for the test.

BEHAVIOR POLICY: Any student disrupting the classroom and affecting the learning experience of others will be asked to leave. Any student being disrespectful will be asked to leave.

PRIVACY ACT: Because of the Buckley Amendment or Privacy Act, grades will not be discussed over the phone or through email. I will not give grades out to friends or relatives without specific written permission from the student.

Students with Disabilities: If you are registered with the Access Office, let me know so that we can make any necessary arrangements regarding exams etc.

Dates to Remember:

Martin Luther King Day – Monday, January 20 – No Classes

Mid-Term: Thursday, March 6st –Last day to drop.

Spring Break: Monday through Friday, March 17-21st – No Classes

Last day of class: May 5th

Final exam: May 9th (Friday) 5:00-7:00 p.m. Same room as lecture

TENTATIVE COURSE OUTLINE

<u>TOPIC</u>	<u>READING IN TEXT</u>
I. Endocrine & Cardiovascular Systems	Chaps. 18-20
EXAM 1 ---Wednesday, February 10	
II. Cardiovascular, Immune, & Respiratory Systems	Chaps. 21-23
EXAM 2 ---Monday, March 5	
III. Digestive System, Metabolism & Urinary System	Chaps. 24-26
EXAM 3 ---Wednesday, April 9	
IV. Body Fluids, Reproduction & Development	Chaps. 27-29
EXAM 4 ---Monday, May 5	

LAB SCHEDULE:

<u>Week of:</u>		<u>Topic:</u>
January	13	No Laboratory scheduled
	20	MLK Holiday: Blood counts due next week in lab.
	27	Blood typing and blood counts due today Pulse rate, Blood pressure will also be done
February	3	Heart Anatomy: Lab reports from previous lab due
	10	Fetal Pig Blood Vessels
	17	Fetal Pig Blood Vessels (cont)
	24	Fetal Pig Blood Vessels (cont.); Review
March	3	Lab Exam I
	10	Fetal Pig Digestive System
	17	Spring Break - NO LAB
	24	Spirometer & Fetal Pig Respiratory System
	31	Spill over, Review for Lab Exam II
April	7	Lab Exam II
	14	Fetal Pig Urinary & Reproductive Systems
	21	Review for comprehensive Laboratory Exam III
	28	Lab Exam III (comprehensive)