

BIOL 2652

HUMAN ANATOMY & PHYSIOLOGY II

FALL 2014

Lecture: 2:00 -- 3:15 PM, M-W, BSC 1023

Lab:

Section A: 11:00 AM ±12:50 PM, Thursdays, BSC 1203

Section B: 1:00 ±2:50 PM, Thursdays, BSC 1203

Section C: 9:00 ±10:50 AM, Fridays, BSC 1203

Instructor: Jim Loughry

Office: 2087 BSC

Phone: 333-5765 (message: 5759)

Email: jloughry@valdosta.edu

Office Hours: 3:15 - 4:00 PM, M/W, or any other time by appointment

TEXT: Principles of Anatomy and Physiology , 13th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons, 2011.

LAB MANUAL: Laboratory Manual for Human Anatomy and Physiology, by M. E. Smith and W. J. Loughry, Pearson Custom Publishing, 3rd edition, 2002. Note that the lab manual is optional, as all information concerning the lab exercises is now available online.

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 and fetal pig. 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. Because the number of buckets available is limited, it will be difficult to allow anyone to work on their own. However, if you really would prefer this option, see me and we will discuss it.

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

EXAMS: There will be 4 exams in this course. The first four exams will each cover 1/4 of the lecture and reading material. Exams will be primarily multiple choice, and each will be worth 100 points. In addition, there will be an optional 100 point final exam. If you take the final I will drop the lowest of your five exam scores in calculating your final grade. Thus, you wind up with 500 potential points from the exams, but only 400 points will count. 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, and (2) there is some incentive in taking the first four exams and thus possibly avoiding the final.

GRADING: Exams will be graded and returned to you within a day or two. See the course outline for exam dates. Any questions, problems, complaints, etc. regarding the exams must be taken care of in the week after the exams are returned to you. The statute of limitations on appeals runs out at that time.

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

If everyone in the class scores above 90%, then everyone will get an A. If no one scores above 90%, then I **may** adjust the curve downward appropriately.

LABS: The exams are worth a total of 400 points. The final 200 points of your grade will be ba

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.

TENTATIVE COURSE OUTLINE

<u>TOPIC</u>	<u>READING IN TEXT</u>
I. Endocrine & Cardiovascular Systems	Chaps. 18-20
EXAM 1 --- September 15	
II. Cardiovascular, Immune, & Respiratory Systems	Chaps. 21-23
EXAM 2 --- October 8	
III. Digestive System, Metabolism & Urinary System	Chaps. 24-26
EXAM 3 --- November 3	
IV. Body Fluids, Reproduction & Development	Chaps. 27-29
EXAM 4 --- December 8	
FINAL EXAM --- Wednesday, December 10, 12:30-2:30 PM (Optional)	

LAB SCHEDULE:

<u>Week of:</u>	<u>Topic:</u>	
August	21/22	NO LAB
	28/29	Blood physiology
September	4/5	Heart physiology
	11/12	Heart anatomy
	18/19	Fetal pig blood vessels
	25/26	Fetal pig blood vessels (cont.)
October	2/3	Fetal pig blood vessels (cont.); Review
	9/10	Lab Exam I
	16/17	Fetal pig digestive system
	23/24	Respiratory physiology
	30/31	Fetal pig respiratory system
November	6/7	Lab Exam II
	13/14	Fetal pig urinary & reproductive systems

	20/21	Review for <u>cumulative</u> lab exam
	27/28	Thanksgiving: NO LAB
December	4/5	Lab Exam III