

## BSC 227 HUMAN ANATOMY

### SPRING 2007

**INSTRUCTOR:** Shawn Zack, Office S202, Phone 696-7147, email, zack@marshall.edu

**LABORATORY TEACHING ASSISTANTS:** Sara Schofield, smith505@marshall.edu (204), Kellie Vanfosson, vanfosson1@marshall.edu (205), Daniel Ware, daniel\_ware@yahoo.com (206)

**LECTURES:** Tuesdays and Thursdays 3:00-4:15, BBSC101

**LABS:** S-269

Friday 9:00-10:50 (Section 204)

Thursday 12:00-1:50 (Section 205)

Tuesday 12:00-1:50 (Section 206)

**OFFICE HOURS:** Tuesday and Thursday 1:00-3:00 (other by appointment)

### BOOKS REQUIRED:

Human Anatomy, First Edition, K. S. Saladin

Laboratory Guide (available only at Marshall Bookstore)

<b>Week/Date</b>	<b>Lecture Topics</b>	<b>Readings</b>
I 1/9	Course Introduction; Body Organization; Anatomical Terminology	Chapter 1 (p. 6-7; 17-19) & Atlas A
1/11	Cellular Anatomy	Chapter 2
LAB:	Organization of the Body and Anatomical Terminology (Ex 1)	
II 1/16	MLK observance, no class	
1/18	Histology	Chapter 3
LAB:	Microscopic Anatomy Computer Lab (Ex 2)	
III 1/23	Integumentary System	Chapter 5
1/25	EXAM 1, Part 1	
LAB:	Integument (Ex 4) and Cranial Skeleton (Ex 5)	
IV 1/30	Skeletal System	Chapter 7
2/1	Skeletal System	Chapter 8
LAB:	Post-cranial Skeleton and Articulations (Ex 6)	
V 2/6	Articulations	Chapter 9
2/8	Muscular System	Chapter 10 (in part); Chapter 11
LAB:	Muscles (Ex 7)	
VI 2/13	Muscular System	Chapter 12
2/15	EXAM 1, Part 2	
LAB:	Muscles and Review	
VII 2/20	Nervous System - Introduction	Chapter 13
2/22	Nervous System	Chapter 14
LAB:	Lab Mid-term Exam	

VIII	2/27	Nervous System	Chapter 15
	3/1	Nervous System	
LAB:		Nervous System- Brain and Spinal Cord (Ex 8)	
IX	3/6	Nervous System - ANS	Chapter 16
	3/8	Endocrine System	Chapter 18
LAB:		Nervous System- PNS, ANS (Ex 9); Sense Organs (Ex 10) and Review	
X	3/13	EXAM II	
	3/15	Circulatory System	Chapter 19 (in part); Chapter 20
LAB:		Endocrine; Circulatory System- Heart (Ex 11); Endocrine System (Ex 12)	
March 19-23, Spring Break, no class			
XI	3/27	Circulatory System	Chapter 21; Chapter 22 (in part)
	3/29	Respiratory System	Chapter 23
LAB:		Circulatory System- Vessels (Ex 13); Lymphatics	
XII	4/3	Digestive System	
	4/5	Digestive System	Chapter 24
LAB:		Respiratory (Ex 14); Digestive (Ex 15)	
XIII	4/10	Urinary System	Chapter 25
	4/12	EXAM III	
LAB:		Urinary System (Ex 16); Reproductive System (Ex 17)	
XIV	4/17	Male Reproductive System	Chapter 26 (728-739)
	4/19	Female Reproductive System	Chapter 26 (740-762)
LAB:		Review	
XV	4/24	Developmental Anatomy	Chapter 4 (in part)
	4/26	Review	
LAB:		LAB PRACTICAL FINAL EXAM	

CUMULATIVE FINAL EXAM: Tuesday May 1<sup>st</sup> 3:00-4:15

**ATTENDANCE POLICY:** You are expected to attend all scheduled lectures and laboratory sessions. Lectures are designed to explain tricky material, indicate the relative importance of specific topics, answer questions, and give guidance and direction in your study. If you are not present it will be much more difficult for you. If you miss a class session, it is YOUR responsibility to obtain all assignments and materials. Each unexcused absence from lab will result in a 1% deduction from your final grade. If you miss a lab you must an acceptable excuse in writing within 72 hours of the lab you missed.

**EXAMS:** There are 3 unit exams scheduled during lecture periods. They may include multiple choice, matching, true/false, completion, definition, and short essay questions. Make-up exams *are not* ordinarily given. Ability to identify specific anatomical structures will be assessed by midterm and final laboratory practical exams. The laboratory final is NOT cumulative. The units exams and practicals are worth 100 points each. The first unit exam is broken-up into two parts (Exam 1, Part 1 and Part 2), therefore your grade from these two exams will be averaged to be worth 100 points combined. The final exam is worth 200 points and includes questions covering the last three chapters (1/3) and the remainder (2/3) is comprehensive in nature.

**MAKE-UP EXAMS:** Make-up exams are NOT ordinarily given. If you miss an exam you must provide an acceptable excuse within 48 hours of the scheduled time for the exam. If you do not you will not be permitted to take a make-up and a "0" will be scored for this exam. Make-up exams will be given ONLY in the event of 1) an officially approved university absence, 2) a death in the immediate family, or 3) an illness that prevents you from attending class on the scheduled exam day. In the case of illness, you must provide a note signed by a physician stating that you could not be present during the exam period for medical reasons. Make-up exams may be essay exams at the discretion of the instructor.

**QUIZZES:** Ten minute "surprise" quizzes on the previous week's lecture or lab may be given. These quizzes will count as bonus points. There are no make-up quizzes.

**GRADING:** Letter grades will not be assigned until the end of the semester and then are determined on the percent of total possible points achieved by the following scale:

100-89% = A; 88-76% = B; 75-63% = C; 62-55% = D

Your final average will include exam grades, extra points from lab quizzes, and if you have unexcused absences from lab, then subtract 1 point from your final average for each lab missed.

## SUGGESTIONS FOR SUCCESS

- 1. Schedule a minimum of 2 hours study time for each hour in the classroom or lab.**
2. Read before lecture and labs. Listen and take notes. Print out and bring WebCT PowerPoints to class – you will be able to spend more time listening and less time scribbling if you have these in front of you to take notes on.
- 3. Review after EVERY session** (this class covers a lot of material - you cannot memorize and understand it all in 1-2 days of studying just before the test). Read for understanding. Condense and organize notes from lectures and reading. Determine key words and concepts.
4. Practice recalling from memory. Try drawing structures, pathways, and relationships. Practice writing down and saying terms.
5. If you LEARN the new material day by day (not just the night before the exam) and practice recall then you will find it easier to listen, take notes, read, and take exams.
6. Study smart!!! It is not just the amount of time, but how you spend your study time.
- 7. Make sure to do the review sheets that will be available on WebCT. After we finish each chapter, work through this list of terms and key concepts. Your exams will focus on your class notes, these review sheets, and the lab material.**

## HELP

If your having trouble or not doing as well as you want to (or need to) come take or me or the TAs! Its our job to try to help you.

Marshall also has organizations helping students that are having problems:

1. University College Tutoring Center (in the basement of the Community College building between the Henderson Center and Prichard Hall) You can view the drop in tutoring schedule on line and even request a tutor on line at: <http://www.marshall.edu/uc/ts.shtm>
2. Department of Biological Sciences tutoring center room S209.