

**Anatomy (ABIO 232) – 4 credits  
Spring 2009, Sections 001 & 002**

**Instructor:**

Dr. Michelle Vieyra  
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Office: SBDG 209  
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Lab: SBDG 219B

**Lecture:**

SBDG 327: MWF 11AM – 11:50AM

**Laboratories:**

SBDG 104: T 9:25AM-12:05PM (001); T 12:15AM-2:55PM (002)

**Textbook:**

Human Anatomy by McKinley and O’Loughlin

**Supplemental Material Booklet:** Available at the bookstore

**Lab Manual:**

Human Anatomy Laboratory Manual w/ Cat Dissection by Marieb

**Lab Supplies:**

Dissection kit with scissors, scalpel, probe and gloves.

**Course Description/ Objectives:** A survey of the organization, structure, function and development of human anatomical systems. Students should become adept at identifying and describing the organization, structure and development of the human body across the hierarchy of cells, tissues, organs, and systems.

**Evaluation:** You will earn your final grade based on the following activities:

5 Lecture Exams	100 points each	500 points
1 Final Exam	200 points	200 points
4 Lab Exams	100 points each	400 points
6 Lab Quizzes	10-20 points each	100 points
Participation	20 points	20 points
Paper	80 points	80 points
<b>Total:</b>		<b>1300 points</b>

**Grading Scale:**

<u>Letter Grade</u>	<u>Points Earned</u>
A	1170-1300
B+	1105-1169
B	1040-1104
C+	975-1039
C	910-974
D+	845-909
D	780-844
F	below 780

**The above numbers are point cut offs for each letter grade. There will be no “rounding up” to the next grade no mater how close you are. There will be no extra credit assignments offered.**

**Lecture Exams:** Lecture exams will cover only the material presented since the last exam. Lecture exams can not be made up unless under extraordinary, documented circumstances. Lecture exams may be composed of a combination of multiple choice, true/false, matching, short answer and essay questions.

**You will NOT need a scantron sheet for lecture exams.**

**Final Exam:** The final exam will be 50 points of new material (sensory and endocrine systems) as well as 150 points of material from the entire course. The format will be similar to the lecture exams.

**Lab Exams:** Lab exams will be given in a round robin format where the students rotate between 20-25 stations with 4-5 questions at each station. Lab exam questions will address the identification of a labeled structure and be short answer. Due to the time involved in setting up a lab exam there will be no lab exam make-ups.

**Quizzes:** Quizzes will be given in lab as noted on the calendar and will address information from the previous lab. These quizzes may be of any format including multiple choice, short answer, true/false, identification, discussion or essay.

**Participation:** This includes good laboratory etiquette such as cleanliness and teamwork as well as participation in discussions.

**Paper:** You will be asked to write a paper on a medical, pharmacological or exercise science aspect of the topics we cover in lecture and lab. This will hopefully help you relate the content we are learning to your chosen field of study. More information on format and possible topics can be found in the supplemental material booklet available for purchase at the bookstore.

**Additional Comments:**

You are expected to follow the honor pledge on every assignment:

“On my honor as a University of South Carolina at Aiken student, I have neither given nor received any unauthorized aid on the assignment/examination. To the best of my knowledge, I am not in violation of academic dishonesty.” This includes plagiarism which will be covered in more detail when I assign papers. Violation of the honor code will result in a grade decrease and letter to the Vice Chancellor of Academic Affairs.

If you have a physical, psychological and/or learning disability which might affect your performance in this course please contact the Office of Disability Services, 126A B&E, (803)641-3609 as soon as possible.

If you have questions or need help with anything in this course please email me and set up an appointment to meet. I will generally be available every MWF afternoon but I can not guarantee I will be in my office unless you set up an appointment with me.

### Spring 2009 Lecture Schedule

Date	Lecture Topic	Chapter (McKinley)
12-Jan	Syllabus, Intro to Anatomy	1
14-Jan	Cell I	2
16-Jan	Cell II (Mitosis)	2
19-Jan	<b>MLK DAY - NO CLASS</b>	
21-Jan	Development, Meiosis	3
23-Jan	Tissues I	4
26-Jan	Tissues II	4
28-Jan	Skin	5
30-Jan	<b>EXAM 1</b>	<b>1,2,3,4,5</b>
2-Feb	Skeleton I	6
4-Feb	Skeleton II, Articulations I	6, 9
6-Feb	Articulations II	9
9-Feb	Muscles I	10
11-Feb	Muscles II	10
13-Feb	Muscles III	10
16-Feb	Respiratory System I	25
18-Feb	Respiratory System II	25
20-Feb	<b>EXAM 2</b>	<b>5,6,9,10,25</b>
23-Feb	Digestive System I	26
25-Feb	Digestive System II	26
27-Feb	Digestive System III	26
2-Mar	Urinary System I	27
4-Mar	Urinary System II	27
6-Mar	Reproductive System I	28
9-Mar	<b>NO CLASS</b>	
11-Mar	<b>NO CLASS</b>	
13-Mar	<b>NO CLASS</b>	
16-Mar	Reproductive System II	28
18-Mar	Reproductive System III	28
20-Mar	<b>EXAM 3</b>	<b>26,27,28</b>
23-Mar	Blood Vessels and Circulation	23
25-Mar	Heart I	22
27-Mar	Heart II	22
30-Mar	Blood, Lymphatic System I	21, 24
1-Apr	Lymphatic System II	24
3-Apr	<b>EXAM 4</b>	<b>21,22,23,24</b>
6-Apr	Nervous System I	14
8-Apr	Nervous System II	15
10-Apr	Nervous System III	15
13-Apr	Nervous System IV	16, 18
15-Apr	<b>NO CLASS</b>	
17-Apr	Sensory Intro (Touch, Taste, Smell)	19
20-Apr	<b>EXAM 5</b>	<b>14,15,16,18, 19</b>
22-Apr	Sensory Systems II - Eyes	19
24-Apr	Sensory Systems III - Ears	19
27-Apr	Endocrine System	20
TBA	<b>FINAL EXAM (New and Cumulative)</b>	<b>19, 20</b>

### Spring 2009 Lab Schedule

Date	Lecture Topic	Quizzes
13-Jan	Intro, Metric System	
20-Jan	Cells, Mitosis, Microscope	Quiz 1 (10pts)
27-Jan	Tissues, Skin	Quiz 2 (10pts)
3-Feb	Skeleton	Quiz 3 (20pts)
10-Feb	<b>EXAM 1</b>	
17-Feb	Skin Cats, Muscles	
24-Feb	Respiratory, Digestive Systems	Quiz 4 (20pts)
3-Mar	<b>EXAM 2</b>	
10-Mar	<b>NO LABS – SPRING BREAK</b>	
17-Mar	Urinary and Reproductive Systems	
24-Mar	Heart, Blood, Vessels	Quiz 5 (20pts)
30-Mar	<b>EXAM 3</b>	
7-Apr	Nervous System	
14-Apr	Sensory Systems (eye, ear)	Quiz 6 (20pts)
21-Apr	<b>EXAM 4</b>	

**On lab exam days, the 9:25am lab will begin 1 hour late (I need ~2 hours to set it up). So, lab exams begin at 10:30am for lab section 001. 002 will meet at the usual time.**

**To excel in this class you will have to spend time outside of the scheduled time period to study lab content. The lab is open to you 24/7 so please use it. You can get in by using your ID cards in the card-swipe on the outside door and SBDG 104 door. Students that spend time in lab studying as a group do much better than those that study alone. I encourage you to set up study groups.**

#### **A note about anatomy.....**

Anatomy is not an easy subject and you may find it to be the most challenging subject you have encountered in your undergraduate career. There is a minimum amount of knowledge you are expected by your college (nursing, pre-pharmacy and exercise science) to obtain in this course. I am obligated to provide you with this material and to test you on it. I have done my best to pare down the content as much as possible while staying within the expectations of your college but you will still find the amount of material challenging. You must put forth effort to study the material on a regular basis to be successful in this course. I highly recommend that you set up study groups to go over the material before exams. Try very hard not to miss any classes. Take careful notes of what I say in class. If you find it difficult to keep up with my lectures please use a tape recorder to record them. If you have trouble understanding a concept, please come to see me as soon as possible. I can also help you with study and note taking tips if needed.

#### **The Academic Success Center: Penland 108**

If you find that your usual study habits are not sufficient for doing well in this class please think about visiting this center. They are experts in helping students discover the best way to study according to their learning styles and offer tutors at no cost to you. <http://www.usca.edu/academicsupport/>