

Instructor: Ms. Beth Huff  
Office: LS 222

Office hours: Mon., Wed. 10-12 am; Fri 10 am-11 am;  
Phone: 549-2233

Required Texts & Supplies

- Dissecting kit (available at campus bookstore; \$10-15); Gloves (required; latex or other type).
- *Saladin Anatomy and Physiology: Unity of Form and Function*, 4<sup>th</sup> ed. (2007) by Wise, Eric, McGraw-Hill, New York, New York.

Optional Texts

- *Mammalian Anatomy: The Cat*. (1998) by Sebastiani, A.M. and D.W. Fishbeck. Morton Publishing Co., Englewood, CO, 80110.
- *McMinn's Color Atlas of Human Anatomy* (2003) by Abrahams, P.H., S.C. Marks and R.T. Hutchings, Mosby Publishing Co., St. Louis, MO.
- *A Photographic Atlas for the Anatomy & Physiology Laboratory*, 6<sup>th</sup> Ed., 2007 (ISBN 10: 0-89582-698-4) by Kent M. Van De Graaff, David A. Morton, & John L. Crawley, Morton Publishing Co., Englewood, CO.

Bio 223 Anatomy and Physiology Lab F 2008

Week	Date	Topic	Assignments/Points
1	Aug 25	Introduction, Measurement in Science	Lab Report-1 (50 pts)
<b><u>CELLS, TISSUES</u></b>			
2	Sept 1	Cells: Transport across cell membranes	Lab Report-2 (100 pts)
3	8	Tissues: Epithelial, Connective, Muscle, Nervous	Tissue Assign.-1 (20 pts)
<b><u>SKELETAL SYSTEM</u></b>			
4	15	Appendicular Skeleton	Quiz-Skeleton 1 (10 pts)
5	22	<b>Lab Practicum 1 (Tissues, Appendicular Skeleton)</b>	<b>Exam-1 (100 pts)</b>
6	29	Axial Skeleton –Vertebrae, Ribs, Sternum, Hyoid	Quiz-Skeleton 2 (10 pts)
7	Oct 6	Axial Skelton – Skull	Quiz-Skull 3 (10 pts)
8	13	<b>Lab Practicum 2 (Axial Skeleton)</b>	<b>Exam-2 (100 pts)</b>
<b><u>MUSCULAR SYSTEM</u></b>			
9	20	Cat dissection; Human Cadaver – (Muscle List 1- Ventral—belly)	Graded Dissection-1 (20 pts)
10	27	Cat dissection; Human Cadaver – (Muscle List 1- Dorsal—Back)	Graded Dissection-2 (20 pts)
11	Nov 3	<b>Lab Practicum 3 (Muscle List 1)</b>	<b>Exam-3 (100 pts)</b>
12	10	Cat dissection; Human Cadaver – (Muscle List 2)	Graded Dissection-3 (20 pts)
	17	<b>Lab Practicum 4 (Muscle List 2)</b>	
13	Nov.24-28	<i>THANKSGIVING BREAK</i>	<b>Exam-4 (100 pts)</b>
<b><u>NERVOUS SYSTEM</u></b>			
14	Dec 1	Brain and Cranial Nerves – Sheep Brain; Human Brain	Nerves Assignment-2 (20 pts)
15	Dec 9 1 pm	<b>Lab Practicum 5 (Brain and Cranial Nerves)</b>	<b>Exam-5 (100 pts)</b>

### Grading and Evaluation

5 Exams (100 pts each)	500 points
2 Formal Lab Reports (50 & 100 pts)	150 points
2 Assignments (20 pts each)	40 points
3 Quizzes (10 pts each)	30 points
3 Graded Dissections (20 pts each)	60 points
<b>Total Possible Points</b>	<b>780 points</b>

**Exam Policy:** There will be **NO MAKE-UP EXAMS** or **ASSIGNMENTS** (assignments, quizzes, graded dissections) given! (Except for hospitalization, death, or games. You must notify me before the event and we will arrange a makeup time.) If you miss class you miss points for that day's lab.

Total Points Earned	% of maximum 780 points	Final Grade
702-780	90-100	A
624-701	80.0-89.9	B
546-623	70.0-79.9	C
468-545	60.0-69.9	D
0-467	<60	F

\*The Department of Biology has not adopted a fractional grading policy.

### Attendance Policy, Classroom Etiquette & Guidelines

- Please arrive to class **on time** and prepared to participate.
- Please turn cell phone and pagers **OFF** during class.
- **Attendance is absolutely mandatory!** More than one unexcused absence will result in a failing grade for this lab. Absences will only be excused for documented reason(s) including illness, death in the family and university sanctioned events (e.g., athletics) as determined by the instructor and must be reported in advance (or as soon as possible). Athletes – submit your schedule to your TA.
- If you must miss class due to an emergency, please contact me as soon as possible. You are still responsible for all assignments and material covered. You may **not** attend a lab section other than the one for which you are registered without prior permission from me. All sections are FULL!
- **NO MAKE-UP LABS** if you miss class due to an undocumented excuse. You will receive zero points for any assignments/work associated with the lab you miss.
- **NO MAKE-UP EXAMS** will be given except in extreme cases as determined by the instructor on a case-by-case basis. Please courteous to your fellow students in the class and arrive on time for lab practical exams. For every 10 minutes late, you will be deducted 5 points on your exam.
- **Late assignments:** You will lose points for any work submitted after the due date. Late homework will lose value by 10% a week. So a 50 point assignment will be worth 45 points out of 50 if it is 1 week late, and I start grading and deducting points from there. By the 5<sup>th</sup> week, the highest grade you could get is just 25 points out of 50.
- This lab involves dissection of cats and a human cadaver. Dissections are messy, so please be courteous to your fellow students and **clean up before leaving lab!** You will lose 10 points each time your bench is left dirty.
- Make the most of your assigned time in lab. There is a great deal of material to view and learn, and there will not be time for later review sessions outside of your assigned lab time. Make sure you are confident and have completed all assignments BEFORE you leave.
- **OPEN LABS will be held on Fridays (time: TBA). There will NOT be any open labs offered other than this time.**

### Hazardous Materials Note

Laboratory specimens are preserved in embalming fluid which may contain formaldehyde, formalin and/or phenol (carbolic acid). Therefore you may wish to wear protective gloves and/or masks when handling preserved material. Pregnant women should take extra precautions, consult your physician, and inform the instructor of your pregnancy. The *cats* are formaldehyde-free; however, the *cadaver* is preserved in formaldehyde.

### ADA Statement

This University abides by the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, which stipulate that no student shall be denied the benefits of an education “solely by reason of a handicap.” If you have a documented disability that may impact your work in this class and for which you may require accommodations, you must be registered with and provide documentation of your disability to the Disability Services Office, which is located in the Psychology Building, room 232.