

**ANATOMY (ABIO 232 -- 4 Credit Hours)  
Spring Semester 2009**

Instructor:	Norris L. O'Dell, DMD, PhD
Office:	Room 111D -- norriso@usca.edu
Lecture Room:	Science Bldg. Room 327
Laboratory:	Science Bldg. Room 104
Textbook:	<b>Human Anatomy</b> , 2nd Ed., McKinley & O'Loughlin
Lab Manual:	<b>Human Anatomy Lab Manual</b> , E. N. Marieb
Lab Supplies:	All students should have a dissecting kit, and if you do not wear eyeglasses, you should obtain protective safety glasses. <b>You will also need to purchase disposable surgical gloves since you will be handling preserved specimens.</b> (Caution: Exposure to formaldehyde has been linked to cancer in rats. Also, formaldehyde interacts with some contact lenses to produce an undesirable reaction.) If you have special health considerations or conditions, inform me so that we can seek further information with regard to exposure to the laboratory environment.
Course Description:	A survey of human anatomical structure.
Course Objective:	This course is designed to introduce students to the anatomy of the human body through a study of cells, tissues, organs and organ systems.
Course Content:	Lectures on human anatomy will be combined with laboratory exercises that employ the human skeleton, and the dissection of a cat in a study of the anatomy of the human body.
Attendance Policy:	Attendance at lectures is expected and attendance and participation in laboratory sessions are part of you overall lab grade. Each unexcused absence from lab will result in one point being deducted from the lab grade which counts 20% of the course grade.

By the end of this course, the student should be able to describe the:

prototypical human cell  
four primary tissues  
major organs of the human body  
major organ systems of the human body

Evaluation:	Four Lecture Examinations	80%
	Laboratory	20%

Grading Model:	90 - 100	A
	80 - 89	B
	70 - 79	C
	60 - 69	D
	59 and below	F

Additional Comments:

1. Read the assigned textbook and laboratory materials before class.
2. Bring laboratory manual and textbook to the laboratory sessions. Laboratory attendance and participation are parts of your course grade.
3. **Endorse the following Honor Pledge on every exam: "On my honor as a University of South Carolina at Aiken student, I have neither given nor received unauthorized aid on the assignment/examination. To the best of my knowledge, I am not in violation of academic honesty."**
4. No make-up quizzes will be given for the laboratory quizzes and no make-up examinations will be given for the lecture examinations except under some extreme situations (see Student Handbook).
5. If you have any questions, problems or other concerns that I might be able to help you with, then please see me directly or arrange to see me through Ms. Cutsinger. I consider it a privilege to teach, and will try to help you in any way that I can.
6. If you have a physical or learning disability that might affect your performance, please contact the Office of Disability Services, 126A B&E, (803)641-3609, as soon as possible. The Disability Services Office will determine appropriate accommodations based on medical documentation.
7. We will use the machine-graded Scantron 100 question sheets for all of the Lecture Examinations. Please be sure that you have the Scantron Sheets and a #2 pencil on the day of each scheduled quiz/examination. **All other personal items will be left in front of the lecture room during the exam. So, on the day of the exam, please enter the room and bring all items except for a #2 pencil and your answer sheet to the front of the room for temporary storage**

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**LECTURE SCHEDULE**

<b>Date</b>	<b>Topic</b>	<b>Reference</b>		
January	13	Introduction/Cytology	Ch 2	
	15	Cytology	Ch 2	
	20	Histology -- Primary Tissues	Ch 4	
	22	Integument	Ch 5	
	27	Skeletal System	Ch 6, 7	
	29	Skeletal System	Ch 8	
February	<b>03</b>	<b>LECTURE EXAM # 1 (1/13-1/29)</b>		
	05	Articulations	Ch 9	
	10	Muscular System	Ch 10	
	12	Muscular System	Ch 11	
	17	Muscular System	Ch 12	
	19	Respiratory System	Ch 25	
	24	Digestive System	Ch 26	
	<b>26</b>	<b>LABORATORY PRACTICAL # 1</b>		
	<b>03</b>	<b>LECTURE EXAM # 2 (2/05 - 2/24)</b>		
March	05	Urinary System	Ch 27	
	09 -13	Spring Break		
	17	Female Reproductive System	Ch 28	
	19	Male Reproductive System	Ch 28	
	24	Circulatory System	Ch 22	
	26	Circulatory System	Ch 23	
	31	Lymphatic System	Ch 24	
	April	02	Nervous System	Ch 14
		<b>07</b>	<b>LECTURE EXAM # 3 (3/05 - 3/31)</b>	
		09	Nervous System	Ch 15
14		Nervous System	Ch 16	
16		Endocrine System	Ch 20	
21		<b><i>"Man the Incredible Machine"</i></b>		
<b>23</b>		<b>LABORATORY PRACTICAL # 2</b>		
May	<b>05</b>	<b>LECTURE FINAL EXAM</b>		
		<b>(2:00 - 4/02 - 4/28 plus review questions from Exams 1, 2 &amp; 3)</b>		

**SEE LABORATORY SCHEDULES ON NEXT PAGE FOR  
Tuesday & Thursday LABORATORY SECTIONS**

**LABORATORY SCHEDULE**  
**Tuesday Section**

January	13	Histology	CH 4,5
	20	Axial Skeleton System	CH 9
	27	Appendicular Skeletal System	CH 10
February	03	Cat Specimen Preparation & Muscular System	pp219 -233
	10	Muscular System	pp220-233
	17	Respiratory & Digestive Systems	pp447-448;471-474
	24	<b>TUESDAY REVIEW FOR BOTH SECTIONS</b>	
	<b>26</b>	<b>THURSDAY LABORATORY PRACTICAL # 1</b>	
March	03	Urogenital System	pp507-510
	17	Circulatory System - HEART	pp412-419
	24	Circulatory System - VESSELS	pp412-419
	31	Nervous System	pp270-275
April	07	Nervous System	pp289-301
	14	Nervous System	pp289-301
	<u>21</u>	<b><u>Review Session for Both Sections</u></b>	
	<b>23</b>	<b>THURSDAY LABORATORY PRACTICAL # 2</b>	

**LABORATORY SCHEDULE**  
**Thursday Section**

January	15	Histology	CH 4,5
	22	Axial Skeleton System	CH 9
	29	Appendicular Skeletal System	CH 10
February	05	Cat Specimen Preparation & Muscular System	pp219 -23
	12	Muscular System	pp220-233
	19	Respiratory & Digestive Systems	pp447-448;471-474
	24	<b>TUESDAY REVIEW FOR BOTH SECTIONS</b>	
	<b>26</b>	<b>THURSDAY LABORATORY PRACTICAL # 1</b>	
March	05	Urogenital System	pp507-510
	19	Circulatory System - HEART	pp412-419
	26	Circulatory System - VESSELS	pp412-419
April	02	Nervous System	pp270-275
	09	Nervous System	pp289-301
	16	Nervous System	pp289-301
	<u>21</u>	<b><u>Review Session for Both Sections</u></b>	
	<b>23</b>	<b>THURSDAY LABORATORY PRACTICAL # 2</b>	