

**ANATOMY (ABIO 232 -- 4 Credit Hours)  
Spring Semester 2005**

Instructor:	Norris L. O'Dell, DMD, PhD
Office:	Room 209 -- norriso@usca.edu
Lecture Room:	Science Bldg. Room 237
Laboratory:	Science Bldg. Room 104
Textbook:	<b>Human Anatomy</b> , Sixth Edition, Kent Van De Graff
Lab Manual:	<b>Basic Anatomy</b> , Third Edition, B. L. Allen
Lab Supplies:	All students must have a dissecting kit, and if you do not wear eyeglasses, you should obtain protective eyewear. <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 special instructions regarding 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.

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:	Three Lecture Quizzes	45%
	Two Laboratory Practicals	20%
	Laboratory Participation	10%
	Comprehensive Final Exam (Lecture)	25%

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 quiz/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 quizzes/examination 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.

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**LECTURE SCHEDULE**

<b>Date</b>	<b>Topic</b>	<b>Reference</b>	
January	10	Introduction/Cytology	Ch 3
	12	Histology -- Primary Tissues	Ch 4
	17	No Classes	
	19	Histology -- Primary Tissues	Ch 4
	24	Integument	Ch 5
	26	Skeletal System	Ch 6
	31	Skeletal System	Ch 7
February	02	<b>LECTURE QUIZ # 1 (1/10-1/31)</b>	
	07	Articulations	Ch 8
	09	Muscular System	Ch 9
	14	Muscular System	Ch 9
	16	Muscular System	Ch 9
	21	Respiratory System	Ch 17
	23	Digestive System	Ch 18
	28	<b>LECTURE QUIZ # 2 (2/7 - 2/23)</b>	
March	02 (11:00;1:00;2:00)	<b>LABORATORY PRACTICAL # 1</b>	
	07 - 11	No Classes	
	14	Urinary System	Ch 19
	16	Female Reproductive System	Ch 21
	21	Male Reproductive System	Ch 20
	23	Circulatory System	Ch 16
	28	Circulatory System	Ch 16
	30	Lymphatic System	Ch 16
April	04	Nervous System	Ch 11
	06	<b>LECTURE QUIZ # 3 (3/14 - 3/30)</b>	
	11	Nervous System	Ch 12
	13	Nervous System	Ch 13
	18	Endocrine System	Ch 14
	20(11:00;1:00;2:00)	<b>LABORATORY PRACTICAL # 2</b>	
	25	Endocrine System	Ch 14
	29 (2:00PM)	<b>COMPREHENSIVE FINAL LECTURE EXAMINATION</b> (4/4 - 4/25 plus review questions from Quizzes 1,2 & 3)	

**SEE LABORATORY SCHEDULES ON NEXT PAGE FOR  
MONDAY AND WEDNESDAY LABORATORY SECTIONS**

**LABORATORY SCHEDULE**  
**Monday PM, Section 002**

January	10	Skeletal System	Ch 1
	17	Holiday	
	24	Skeletal System	Ch 1
February	31	Cat Specimen Preparation	Ch 2
	07	Muscular System	Ch 3
	14	Muscular System	Ch 3
	21	Respiratory & Digestive Systems	Ch 4
	28	REVIEW SESSION FOR ALL SECTIONS	
March	02	<b>(1:00 PM) LABORATORY PRACTICAL # 1 (1/10 - 2/28)</b>	
	14	Urogenital System	Ch 5
	21	Circulatory System	Ch 6
April	28	Circulatory System	Ch 6
	04	Nervous System	Ch 8
	11	Nervous System	Ch 8
	18	REVIEW SESSION FOR ALL SECTIONS	
	20	<b>(1:00 PM) LABORATORY PRACTICAL # 2 (3/14 - 4/18)</b>	

**LABORATORY SCHEDULE**  
**Wednesday, Sections 001(AM), 003(PM)**

January	12	Skeletal System	Ch 1
	19	Skeletal System	Ch 1
	26	Cat Specimen Preparation	Ch 2
February	02	No Laboratory Session (See Lecture Schedule)	
	09	Muscular System	Ch 3
	16	Muscular System	Ch 3
	23	Respiratory & Digestive Systems	Ch 4
	28	REVIEW SESSION FOR ALL SECTIONS	
March	02	<b>(***) LABORATORY PRACTICAL # 1 (1/10 - 2/23)</b>	
	16	Urogenital System	Ch 5
	23	Circulatory System	Ch 6
April	30	Circulatory System	Ch 6
	06	Nervous System	Ch 8
	13	Nervous System	Ch 8
	18	REVIEW SESSION FOR ALL SECTIONS	
	20	<b>(***) LABORATORY PRACTICAL # 2 (2/16 - 4/18)</b>	

**(\*\*\*) -- The Wednesday Sections' Practicals will be given as follows:**  
**Wednesday Morning Lab Section 001 -- 11:00 AM**  
**Wednesday Afternoon Lab Section 003 -- 2:00 PM**