

**ANATOMY (ABIO 232 -- 4 Credit Hours)  
Spring Semester 2003**

Instructor:	Norris L. O'Dell, DMD, PhD
Office:	Please Contact Ms. Cutsinger, Room 201
Lecture Room:	Science Bldg. Room 327
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. I also suggest that you purchase disposable surgical gloves. These gloves are recommended when handling preserved specimens. (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 the structure, function and development of human systems.
Course Objective:	This course is designed to introduce students to the anatomical organization 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:

concept of anatomical orientation / planes  
prototypical human cell  
early human zygote & embryo  
four primary tissues  
major organs of the body  
major organ systems of the body

Evaluation:	Four Lecture Quizzes	40%
	Two Laboratory Practicals	30%
	Laboratory Participation	5%
	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.
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 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 examination.

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**LECTURE SCHEDULE**

<b>Date</b>	<b>Topic</b>	<b>Reference</b>	
January	13	Introduction/Cytology	(G) Ch 3
	15	Histology -- Primary Tissues	(G) Ch 4
	20	No Classes	
	22	Histology -- Primary Tissues	(G) Ch 4
	27	Body Organization	(G) Ch 2
	29	Integument	(G) Ch 5
February	03	<b>LECTURE QUIZ # 1</b>	
	05	Skeletal System	(G) Ch 6,7
	10	Articulations	(G) Ch 8
	12	Muscular System	(G) Ch 9
	17	Muscular System	(G) Ch 9
	19	Respiratory System	(G) Ch 17
	24	<b>LECTURE QUIZ # 2</b>	
	26	Digestive System	(G) Ch 18
March	03	<b>LABORATORY PRACTICAL # 1</b>	
	05	Digestive System	(G) Ch 18
	10 - 14	No Classes	
	17	Urinary System	(G) Ch 19
	19	Reproductive System	(G) Ch 20,21
	24	Reproductive System	(G) Ch 20,21
	26	<b>LECTURE QUIZ # 3</b>	
	31	Circulatory System	(G) Ch 16
April	02	Circulatory System	(G) Ch 16
	07	Nervous System	(G) Ch 11
	09	Nervous System	(G) Ch 12,15
	14	Nervous System	(G) Ch 13
	16	Endocrine System	(G) Ch 14
	21	Endocrine System	(G) Ch 14
	23	<b>LECTURE QUIZ # 4</b>	
	28	<b>LABORATORY PRACTICAL # 2</b>	
May	05	<b>COMPREHENSIVE FINAL LECTURE EXAMINATION</b>	

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

**LABORATORY SCHEDULE**

**(Monday Section ABIO 232)**

January	13	Microscope, Cytology	(G) p61-67
	20	No Laboratory Session	
	27	Histology	(G) p 73-118
February	03	Histology	(G) p 73-118
	10	Skeletal System	(A) Ch 1
	17	Skeletal System	(G)p192-220
	24	Muscular System	(A) Ch 2,3
March	03	(During Lecture) <b>LABORATORY PRACTICAL # 1</b>	
		Muscular System	(A) Ch 3
	17	Respiratory & Digestive Sys.	(A) Ch 4
	24	Urogenital System	(A) Ch 5
	31	Circulatory System	(A) Ch 6
April	07	Circulatory System	(A) Ch 6
	14	Nervous System	(A) Ch 7
	21	Nervous System	(A) Ch 8
	28	(During Lecture) <b>LABORATORY PRACTICAL # 2</b>	

**LABORATORY SCHEDULE  
(Wednesday Section ABIO 232)**

January	15	Microscope, Cytology	(G) p61-67
	22	No Laboratory Session	
	29	Histology	(G) p 73-118
February	05	Histology	(G) p 73-118
	12	Skeletal System	(A) Ch 1
	19	Skeletal System	(G)p192-220
	26	Muscular System	(A) Ch 2,3
March	03	(During Lecture) <b>LABORATORY PRACTICAL # 1</b>	
	05	Muscular System	(A) Ch 3
	19	Respiratory & Digestive Sys.	(A) Ch 4
	26	Urogenital System	(A) Ch 5
	02	Circulatory System	(A) Ch 6
April	09	Circulatory System	(A) Ch 6
	16	Nervous System	(A) Ch 7
	23	Nervous System	(A) Ch 8
	28	(During Lecture) <b>LABORATORY PRACTICAL # 2</b>	