

**ANATOMY (ABIO 232 -- 4 Credit Hours)
Spring Semester 2008**

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:	<i>Human Anatomy</i> , 2nd Ed., McKinley & O'Loughlin
Lab Manual:	<i>Human Anatomy Lab Manual</i> , E. N. Marieb
Lab Supplies:	All students must have a dissecting kit, and if you do not wear eyeglasses, you should obtain protective eyewear. You will also need to purchase disposable surgical gloves since you will be 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 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.

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LECTURE SCHEDULE

Date	Topic	Reference	
January	15	Introduction/Cytology	Ch 2
	17	Histology -- Primary Tissues	Ch 4
	22	Integument	Ch 5
	24	Skeletal System	Ch 6, 7
	29	Skeletal System	Ch 8
	31	LECTURE EXAM # 1 (1/15-1/29)	
February	05	Articulations	Ch 9
	07	Muscular System	Ch 10
	12	Muscular System	Ch 11
	14	Muscular System	Ch 12
	19	Respiratory System	Ch 25
	21	Digestive System	Ch 26
	26	LECTURE EXAM # 2 (2/5 - 2/21)	
	28	Urinary System	Ch 27
March	04	LABORATORY PRACTICAL # 1	
	06	Female Reproductive System	Ch 28
	10-14	Spring Break	
	18	Male Reproductive System	Ch 28
	20	Circulatory System	Ch 22
	25	Circulatory System	Ch 23
	27	Lymphatic System	Ch 24
	01	Nervous System	Ch 14
April	03	LECTURE EXAM # 3 (2/26 – 3/27)	
	08	Nervous System	Ch 15
	10	Nervous System	Ch 16
	15	Endocrine System	Ch 20
	17	Surface Anatomy	Ch 13
	22	LABORATORY PRACTICAL # 2	
	24	“Man the Incredible Machine”	
	06	LECTURE FINAL EXAM	
May	(2:00 - 4/01 - 4/24 plus review questions from Quizzes 1, 2 & 3)		

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

LABORATORY SCHEDULE
Tuesday Section

January	22	Histology	CH 4, 5
	29	Axial Skeleton System	CH 9
February	05	Appendicular Skeletal System	CH 10
	12	Cat Specimen Preparation & Muscular System	pp219 -233
	19	Muscular System	pp220-233
	26	Respiratory & Digestive Systems	pp447-448;471-474
March	04	Tuesday LABORATORY PRACTICAL # 1	
	18	Urogenital System	pp507-510
	25	Circulatory System - Vessels	pp412-419
April	01	Circulatory System - Heart	pp412-419
	08	Nervous System	pp270-275
	15	Nervous System	pp289-301
	22	Tuesday LABORATORY PRACTICAL # 2	

LABORATORY SCHEDULE
Thursday Section

January	17	Histology	CH 4, 5
	24	Axial Skeleton System	CH 9
	31	No Lab	
February	07	Axial Skeleton System	CH 10
	14	Cat Specimen Preparation & Muscular System	pp219 -23
	21	Muscular System	pp220-233
	28	Respiratory & Digestive Systems	pp447-448;471-474
March	04	Tuesday LABORATORY PRACTICAL # 1	
	06	Urogenital System	pp507-510
	20	Circulatory System - Vessels	pp412-419
	27	Circulatory System - Heart	pp412-419
April	03	Nervous System	pp270-275
	10	Nervous System	pp289-301
	17	Review Session – Lab Open to Both Sections	
	22	Tuesday LABORATORY PRACTICAL # 2	