

**ANATOMY (ABIO 232 – 4 credit hours)
SPRING 2003**

- INSTRUCTOR:** Dr. Buck Pridden (Contact through Ms. Cutsinger, Dept Administrative Assistant) Office 101-D
- LECTURE ROOM:** Science Bldg Room 327
- LABORATORY:** Science Bldg Room 104
- TEXTBOOK:** Human Anatomy, 6th Edition, Van De Graaff
- LAB MANUAL:** Dissection Guide for the Cat, Neal
- LAB SUPPLIES:** All students must have a dissecting kit. You may wish to purchase gloves, hand lotion, etc. (Caution: Exposure to formaldehyde has been linked to cancer in rats.) Surgical gloves are recommended for use with handling preserved specimens. Any student with special health considerations or conditions should inform their lab instructor and seek special instructions regarding exposure in labs.

COURSE DESCRIPTION: A survey of the structure, function, and development of human systems.

- COURSE OBJECTIVES:**
- 1) To acquaint the student with the anatomical organization of the human body, to include cell structure and function, tissue, organs, and systems organization, and
 - 2) To trace the development of human systems.

- COURSE CONTENT:**
- 1) Cell structure
 - 2) Developmental anatomy
 - 3) Tissues
 - 4) Organs
 - 5) Systems
 - 6) Human body organization
 - 7) Anatomical Orientation

By the end of the course the student will have demonstrated the ability to identify and/or describe

- 1) Human body organization
- 2) Anatomical orientation
- 3) Cell structure and functions
- 4) Tissue organization
- 5) Organ structure and function
- 6) System organization and function

EVALUATION:	Four Lecture Quizzes	40%
	Three Lab Quizzes	30%
	Paper & Oral presentation	10%
	Final Comprehensive Exam	20%

NOTE: I consider Anatomy 232 to be a core content course of which mastery is necessary for success in any field in which the human body is a focus. It is difficult, yea, likely impossible to separate form from function and vice versa.

A familiarity with the “parts” is a foundation for a working understanding of athleticism. Nursing is an artful application of medical science.

The human body is the apex (thus far!) of the biologic tree.

Personal healthcare is positively promoted by factual knowledge rather than nebulous hearsay.

A personal understanding of the universe and “why you are” may well begin with your appreciation and awareness of the sanctity of self.

Letter grade equivalents: A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 59 or less

(Personal note, for you: How does one end up in the upper ranges of the above??? Study, study, study. A minimum of five hours per week!!!)

ADDITIONAL COMMENTS:

- 1) You will be expected to have read the assigned material prior to lecture.
- 2) You will be expected to have read applicable lab manual exercises.
- 3) You must bring the laboratory manual to lab.
- 4) You will be expected to 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 any unauthorized aid on the assignment/examination. To the best of my knowledge, I am not in violation of academic honesty.
- 5) No makeup exams will be given for the laboratory portion of the quizzes. No makeup exams will be given for the lecture portion except under some extreme situations (see Student Handbook).
- 6) You are encouraged to make appointments with me **if you are having problems understanding the expectations and content of this course.**
- 7) If you have a physical or learning disability that might affect your performance in this class, 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.

- 8) **We will be using the machine graded Scantron sheets for Lecture and Final exams. Please insure that you have both the answer sheet(s) and a #2 lead pencil on the day of the quiz!!!**
- 9) Paper/presentation: You are to choose any topic that attracts your interest or fires your passion concerning any material in the text. This may be a historical person, event, or any anatomic feature upon which you will compose a paper of 3-4 pages length, minimum of 2 references. You will then give a concise but inclusive 10-minute oral presentation to your lab section. I will post a sheet in the lab upon which you may enter your topic as soon as you have selected such.
- 9) **This has proven to be a difficult course. I strongly advise each and every one to utilize the lab time judiciously and prioritize your outside study time in order to stay current on the assignments.**

	<u>LECTURE</u>	<u>LABORATORY</u>
Jan 9 Thu	Introduction/Organization/Tissues	No Lab
Jan 14 Tue	Integument	Skin the Cat, Histo,
Jan 16 Thu	Connective	“
Jan 21 Tue	Muscle	Muscle Upper Extrem
Jan 23 Thu	Bone	“
Jan 28 Tue	QUIZ 1	Muscle Lower Extrem
Jan 31 Thu	Joints	“
Feb 4 Tue	LAB QUIZ I (both sections!)	NO LAB
Feb 6 Thu	Respiratory	Neck & Chest Cavity
Feb 11 Tue	Circulatory-Heart	“
Feb 13 Thu	Circulatory-Vasculature/Blood	Heart
Feb 18 Tue	QUIZ 2	“
Feb 20 Thu	Digestive	Abdominal Cavity
Feb 25 Tue	Renal-Urinary	“
Feb 27 Thu	Male Reproductive	LAB QUIZ 2
Mar 4 Tue	Female Reproductive	“
Mar 6 Thu	QUIZ 3	Movie
Mar 11 Tue	SPRING BREAK	NO LAB
Mar 13 Thu	SPRING BREAK	NO LAB
Mar 18 Tue	CNS	Movie
Mar 20 Thu	Cranial & Peripheral Nerves	Brain/Eye
Mar 25 Tue	Guest Lecture	“
Mar 27 Thu	Sensory	
Apr 1 Tue	Autonomic NS	
Apr 3 Thu	Endocrine	LAB QUIZ 3
Apr 8 Tue	Review	“
Apr 10 Thu	NO CLASS (Martha Burk Day)	NO LAB
Apr 15 Tue	QUIZ 4	Presentations
Apr 17 Thu	Genetics	“
Apr 22 Tue	Embryology	Presentations
Apr 24 Thu	Review & Evaluations	“
Apr 28 Mon	END OF SEMESTER	

FINAL EXAM WEDNESDAY MAY 7 11:00