

**HUMAN ANATOMY
ZOO 3731**

FALL - 2007

COURSE SYLLABUS

DESCRIPTION: Human anatomy is traditionally taught by either systems or regions. In this systemic course, we will cover the basic functional anatomy of the Integumentary, Musculo-Skeletal, Nervous, Cardiovascular, Respiratory, Digestive, Uro-Genital and Endocrine systems. Microscopic and developmental anatomy will be discussed to better explain adult structure and clinical cases presented to emphasize the importance of anatomy as a cornerstone of modern medicine.

OBJECTIVES: At the end of this course, students should have a solid understanding of the systemic organization of the human body. This course has been designed primarily for those students seeking careers in the health professions, notably nursing and occupational therapy.

PREREQUISITES: A course in organismal biology (BSC 1011). While the lecture and lab courses are listed independently, it is strongly recommended that they be taken concurrently.

TIME: 2:00 - 3:15 TR

PLACE: GL100

INSTRUCTOR: Dr. Robert George
Office: OE #209
Phone: (305) 348-4028
Office Hours: MWF 11-00 - 11:50
TR 12:30 - 1:50
E-Mail: georger@fiu.edu

TEXTS: Atlas of the Human Body
F. Netter
Icon Learning Systems 2006

EVALUATION: There will be two exams, a midterm and a final, to be given during "exam weeks". Due to the large number of students in this course, for exam convenience, the class will be divided into 2 sections (A and B - to be determined) as follows:

Midterm:

- (A) Tu. Oct. 16
- (B) Th. Oct. 18

Final:

- (B) Tu. Dec. 11
- (A) Th. Dec. 13

The Drop Date for the course is F Nov. 2.

Exams can not be missed. If there is a conflict with the exam dates, you must drop the course now. If you miss an exam for a legitimate reason (hospitalization, traffic accident, death in the family, jury duty, alien abduction ...) You must present official documentation to Dr. George from your physician, police officer, mortician, judge, extraterrestrial You will then receive a grade of **Incomplete** and must repeat the course the next semester. Failure to take an exam without official documentation will result in a grade of **F**. There will be no makeup exams or extra credit projects. All grades are **Final**. If you miss a higher grade by one point - so be it. Such is the nature of statistics. In short, **don't miss exams**.

Grades will be assigned according to the following scale.

A = 92-100
A- = 90-91

B+ = 88-89
B = 82-87
B- = 80-81

C+ = 78-79
C = 72-77
C- = 70-71

D+ = 68-69
D = 62-67
D- = 60-61

F = 0 - 59

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LECTURE SCHEDULE

Aug.

- 28 T - Introduction
- 30 R - The Organization of the Human Body from Tissues to Systems/Regions

Sept.

- 4 T - Integumentary System
- 6 R - Overview of the Skeletal System; Bone Dynamics

- 11 T - Joint Classification
- 13 R - Vertebral Column and Thorax

- 18 T - Skull
- 20 R - Pectoral Limb; Osteology and Arthrology

- 25 T - Pelvic Limb; Osteology and Arthrology
- 27 R - Muscle Classification; Axial Muscles

Oct.

- 2 T - Appendicular Muscle Compartments
- 4 R - Spinal Cord and Peripheral Nerves; Limb Plexi

- 9 T - Brain and Meninges; Cerebral Circulation
- 11 R - Review

- 16 T - Midterm Exam (A)
- 18 R - Midterm Exam (B)

- 23 T - General and Special Senses
- 25 R - Cranial Nerves

- 30 T - Blood and Lymph

Nov.

- 1 R - Heart

- 6 T - Blood Circuits
- 8 R - Respiratory System

- 13 T - Upper GI Tract
- 15 R - Lower GI Tract

20 T - Urinary System
22 Thanksgiving

27 T - Male Reproductive System
29 R - Female Reproductive System

Dec.
4 T - Endocrine System
6 R - Review

11 T - Final Exam (B)
13 R - Final Exam (A)