

HUMAN ANATOMY AND PHYSIOLOGY I

Biology 3408—SA01
Fall 2006

Instructor: Rose Christian
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TEXTBOOK: Human Anatomy and Physiology
By Elaine Marieb

COURSE DESCRIPTION: Human Anatomy and Physiology I is the study of the structure and function Of the human body. The major organs, cellular detail and integration of the Systems as a part of the whole will be examined in the skeletal, muscular and Neural systems during this course.

GRADING SYSTEM:

Tests: There will be two major tests, a Mid-term Exam and a Final Exam
They will each count 33% of the total grade

Quizzes: A quiz will be given at the beginning of each class meeting. It will cover the material Discussed during the previous class meeting. No more than 30 minutes will be allotted For the quiz.

A total of 8 quizzes will be given. Two of these may be dropped. Because of this,NO QUIZZES WILL BE MADE UP.

The average of the 6 remaining quizzes will constitute 34% Of the course grade.

Summary: Quizzes-----34%
Mid-term Exam—33%
Final Exam-----33%

Missed Exams : If a student misses either the Mid-term Exam or the Final Exam, he must present Proof of emergency before make-up exams can be given. Make-up exams will Contain a higher percentage of essay questions than regular exams.

ATTENDANCE:

This is a copy of the University attendance policy as it is stated in the catalog:

CLASS ATTENDANCE—EXTERNAL CAMPUSES: Students enrolled at one of the University's external campuses should make every effort to attend all class meetings. All absences must be explained to the instructor, who will then determine whether the omitted work may be made up. When a student reaches that number of absences considered by the instructor to be excessive, the instructor will so advise the student and file an unsatisfactory progress report with the center director. Any student who misses 25 percent or more of the regularly scheduled class meetings will receive a grade of F in the course. Additional attendance policies for each course, as defined by the instructor

COURSE SYLLABUS:

Class 1---Aug. 22

- Ch.1 Introduction; word roots; orientation and planes of the body; organ systems
Positive and Negative feedback; directional terms; body cavities
- Ch. 2 Review of organic compounds

Class 2 ----Aug. 29

- Quiz
- Ch. 3. Cellular organelles, membrane transport
- Ch. 4. Epithelial tissues
Connective tissues and Muscular tissues
Nervous tissues

Class 3----Sept. 5

- Quiz
- Ch. 5. Integumentary system
- Ch. 6. Bone and Cartilage
- Ch. 7. Introduction to skeleton
Bones of Skull

Class 4----Sept. 1

- Quiz
- Ch.7. Vertebral Column and girdles, long bones
- Ch. 8. Joints (Articulations)

Class 5----Sept. 19

- Mid-term Exam---(one hour in length) Covering Chapters 1 through 8
- Ch. 9 Muscle Physiology
Neuromuscular junctions

Class 6----Sept.26

- Quiz
- Oxygen debt
- Ch. 10 Naming of Skeletal Muscles (Refer to pp. 330—377)
Actions of Skeletal Muscles and study of individual muscles

Class 7----Oct. 3

- Quiz
- Ch. 10 Skeletal Muscles, continued.
Muscle demonstration

Class 10----Oct. 24

Quiz

Brain Diseases; Spinal cord

Ch. 13 Cranial Nerves; Reflexes

Ch. 14 and 15 Autonomic Nervous System

Class 11----Oct. 31

Final Exam-----Covering Chapters 9 through 15