

BSC 1086L

Anatomy & Physiology II Laboratory

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Content: This course is the laboratory course that accompanies the lecture course: Anatomy & Physiology II (BSC 1086). The lab is a corequisite with the lecture. It is a "hands-on" course designed to reinforce and supplement the principles taught in the lecture.

Textbook: Study Guide for *Anatomy & Physiology II* by Dr. Brannan, Starfish Publishers.

Methodology: The policies of the laboratory in BSC 1085L will be followed. There will be laboratory practicals, but since some of the exercises deal with physiology rather than anatomy, some lab exams may be written question and answer type. 66% of the grade will come from 3 practicals. If a student is absent, it is the student's responsibility to get the information missed. In addition it is the student's responsibility to get the correct answers from missed questions on lab reports.

Note: Due to the elaborate procedures in setting up lab practicals, there are NO MAKEUPS for missed lab practicals. If you miss a lab practical your grade for the lab practical missed will be a zero. Lab work turned in late will be given only half credit. If the lab work is late, the work must be turned in for half credit no later than one week after the missed lab otherwise it will be a zero.

The final grade will be the accumulated points from lab reports, lab work, and exams. A percent grade will be derived by dividing the instructor's total points into the total points of the student's, then multiplying times one hundred.

Grading Scale:

A = 90% - 100%
B = 80% - 89%
C = 70% - 79%
D = 60% - 69%
F = Below 60

Attendance: It is vital for the student to be present in the lab to carry out all of the procedures. Since grading in the lab is based upon the student's ability to identify anatomical parts, many hours of work in the lab are necessary in order to master the information.

Maintenance: The student will be expected to keep the lab clean. Dissecting instruments should be washed, tables wiped clean, and any other equipment should be clean.

Withdrawal Date: The last day to withdraw for no letter grade is **March 26th, 2011**.

SYLLABUS/UNITS OF STUDY

MEETING DATE:

LABORATORY EXERCISES

January 9 & 11 Introduction/ Special Senses, Vision/Sheep eye

January 18 Hearing and Equilibrium
Taste and Olfaction

January 23 & 25 Endocrine Tissue/Endocrine System

January 30
February 1, & 6 Reproduction System Anatomy

February 8 **Lab Practicum #1**

February 13, & 15 Principles of Heredity/Blood Typing Activity

February 22 Anatomy of Heart/EKG

February 27, & 29 Anatomy of Blood Vessels/EKG

March 5, 7, & 12 Anatomy of Blood Vessels/EKG

March 14 **Lab Practicum #2**

March 26, & 28 Digestive Anatomy
Digestive Tissue

April 2, & 4 Respiratory Anatomy and Physiology

April 9, 11, & 16 Urinary System Anatomy/Urinalysis

April 18 **Lab Practicum #3**

NOTE: The instructor reserves the right to add or delete labs during the course. It is the student's responsibility to be aware of any changes that may occur.