

BSC 1085L

ANATOMY & PHYSIOLOGY LABORATORY

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Content: This course is the laboratory course that accompanies the lecture course: Anatomy & Physiology I (BSC 1085). 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 and Physiology I:* By Dr. Brannan, Starfish Publishing.

Methodology: There will be laboratory practicals, most of the exercises deal with anatomy rather than physiology, some lab exams may be written question and answer type. Approximately 66% of the grade will come from three practicums each worth 100 points. The other 150 points will come from lab reports and work done in class. 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.

****Due to the complex set-up for the lab practicals, there are NO MAKEUPS for missed lab practicals. Make sure to attend one of the lab practicals with the approval of the instructor if you are not taking the practical at your regular time period.**

Late lab reports will only get 1/2 credit. Late lab reports must be turn in within two weeks of the lab for any credit. 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 by 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.

Withdrawal Date: March 26th, 2012

Maintenance: The student will be expected to keep the lab clean. Instruments, skulls, bones, muscles, etc., should be returned to their proper place along with any key charts to the bones and muscles. If cats are used they should be put away per lab instructor's advice and tables, instruments, and trays cleaned.

SYLLABUS/UNITS OF STUDY

MEETING DATE:

LABORATORY EXERCISES

January 10, & 12

Introduction/Microscope

January 17, & 19

Tissue Identification: Epithelium

January 24, & 26

Tissue Identification: Cartilage and Collagenous fibers

January 31, & February 2

Tissue Identification: Bone, Muscle, Blood and Nerve

February 7, & 9

TISSUE PRACTICUM

February 14, & 16

Bone Identification: Skull

February 21, & 23

Bone Identification: Vertebral Column and Thorax

February 28, & March 1

Bone Identification: Appendicular skeleton/Articulations

March 6, & 8

BONE PRACTICUM

March 13, & 15

Muscle Identification: Body Movements, Head & Neck

March 27, & 29

Muscle Identification: Trunk and Shoulder, Arm

April 3 & 5

Muscle Identification: Abdominal and Pelvic, Leg

April 10, & 17

Nervous Tissue/Brain Anatomy

Cranial Nerve Quiz

April 19

Brain Anatomy/Spinal Cord and Nerves

April 24

MUSCLE AND NERVE PRACTICUM