

HUMAN ANATOMY & PHYSIOLOGY I

STUDY GUIDE FOR LAB PRACTICAL I

INSTRUCTOR: CJ SHUSTER

- you must also know all diagrams from your lab book (including associated word lists).
- you must know all microscope slides and dissections as outlined on this study guide.
- you are also responsible for the wall charts.

THIS IS A REVIEW, AND DOES NOT INCLUDE DRAWINGS, VALUES ETC. FROM THE MANUAL!!!!!! THIS IS NOT A CONTRACT!!! My only guarantee is that this will cover 90-95% of the items seen on the lab practicals.

CHAPTER 1 - Terminology & Intro to A&P

cranial cavity

A. GENERAL TERMS:

anatomy
physiology
morphology
correct anatomical position
anterior
posterior
superior
inferior
ventral
dorsal
medial
lateral
superficial
deep
proximal
distal
frontal
sagittal
midsagittal
transverse (cross section)
umbilical
epigastric
hypogastric
hypochondriacs
lumbar
iliac
dorsal cavity
ventral cavity

spinal cavity
thoracic cavity
abdominopelvic cavity
pleural cavities
mediastenum
pericardial cavity
pelvic cavity
abdominal cavity
peritoneal cavity
serous membranes
visceral & parietal layers
(visceral peritoneum, etc.)
diaphragm
know which major organs are found in which cavities

NOTE: “ATLAS A - Surface Anatomy” in your textbook is needed for this lab

Guide for Terminology & Introduction to A&P Labs

This is a guide for what the student should learn off of the various models, dissections, etc. This is a guide only; it is not an exclusive list.

Models/Charts found in Regular Lab & Learning Lab

Human Torso (at least 1, maybe 2):

Know all the abdominal divisions. Know all the major organ systems, as outlined in **lecture book figure**. Be able to ID all the major visceral organs as outlined in **lecture book figure**.

“Resin-ated” cross-sections of body (several; see especially the head, thoracic cavity, abdominal cavity, leg or arm):

Biomount Brain (plastic box, filled with embalming fluid): There are several of these!

Sagittal head model (flat mount)

Sagittal head, on stand

Biomount Kidneys:

for these following models and poster, be able to ID the organ system, and relate them to the “Organ System Study Sheet”.

Digestive System Flat Mount:

Male and Female Urogenital Models:

Urinary System Flat Mount:

Circulatory System Flat Mount:

Nervous System flat Mount (“with back”):

Skeleton (articulated):

Poster Stand with organ System Charts:

8 1/2" x 11" laminated organ system info sheets (also available for sale in bookstore)

The following models will not be in the learning lab

The flat mount models

Dissections

There are no dissections for this lab

Slides:

There are no slides for this lab

Other

Instructor will cut up a banana in order to demonstrate the various types of sections.