

Unit 1 Outline – Chapter 1 (p. 1-3, 5-11, 14-18)
Introduction to Human Anatomy and Physiology

Anatomy and Physiology – Mrs. Michaelson

Chapter Objectives:

1. Define anatomy, physiology, and the anatomical position.
2. Explain the levels of organization of the body beginning at the atomic level.
3. Define homeostasis and describe the three components of this self-regulating control system.
4. Describe a negative feedback loop using the example of body temperature from the text. Differentiate this type of loop from a positive feedback loop using another example from the text.
5. Describe the body cavities found in the appendicular and axial portion of the body and the subdivisions of each.
6. List and define the thoracic and abdominopelvic membranes of the body.
7. Explain the following pairs of relative positions by defining them and giving an example using two organs of the body:
 - a. Superior Inferior
 - b. Anterior and Posterior
 - c. Medial and Lateral
 - d. Proximal and Distal
 - e. Superficial and Deep
8. Explain and be able to identify each of the following body sections:
 - a. Transverse Section
 - b. Coronal Section
 - c. Sagittal Section
9. Sketch the abdominal area and label the nine abdominopelvic regions.
10. (Do not answer) Be able to give the common names, identification, or anatomical names for all of the body regions on your worksheet and the diagram.

Other Assignments/Activities:

- Colorings
 - Terms of Position and Direction
 - Anatomic Planes and Sections
 - Cavities and Linings
- Lab activity - Autopsy of a Pickle
- Lab activity - The Basic Plan

Website: Access at <http://www.chetekhighscience.yolasite.com>

- Post to the class discussion board – Complete during first week of class.
- Career assignment – Due to Mrs. Michaelsen by email by Friday, September 11 at 3:30 pm. Email address is denisemichaelsen@chetek.k12.wi.us