

# Anatomy and Physiology

## Regular/Honors Syllabus

**Teacher:** Mrs. Bounds

**Email:** [cindy.bounds@tcsedu.net](mailto:cindy.bounds@tcsedu.net)

**Textbook:** *Anatomy, Physiology, & Disease*

**Room:** S516 in MTSU Hall

**Phone:** (931) 454-2620 ext.118

**Science Fee:** \$20.00

**Course Description:** This course is an upper level course designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate an understanding of the transportation, respiration, excretory, and reproductive systems.

### **Standards**

#### **HAP.LS1: From Molecules to Organisms: Structures and Processes**

Human Body Organization to Accomplish Life

Integumentary System

Muscular System

Immune and Lymphatic Systems

Urinary System

Nervous System

Skeletal System

Cardiovascular system

Digestive System

Endocrine System

Reproductive System

### **Objectives**

Comfortably use anatomical terminology, including terms relating to body regions and types of body movements

Explain the process of homeostasis, and how feedback is used to maintain it

Describe the various body systems, including their general function and the organs they contain

Understand basic components of cellular anatomy and physiology

List the various types of tissue in the body and their characteristics

Describe several types of medical tests and their typical use

Understand the anatomy, physiology, and common diseases relating to all body systems.

***You can succeed in this class, and I will help you do so!***

**Your responsibilities** as my student are:

1. To abide by school and class rules at all times.
2. Follow the 5 P's.
  - **Be prompt.** Everything will run smoothly, if you arrive in class and are seated, working when the bell rings.
  - **Be prepared.** Bring your necessary supplies. You will not be allowed to return to your locker, and you will not participate effectively in your learning without materials.
  - **Be polite.** The world is much more pleasant when we are all respectful to ourselves and others.
  - **Be persistent.** Never, never quit working hard in this classroom. I will not be idle, and I never expect you to be, either.
  - **Be proud to be a Wildcat! THS is an excellent school.**

**Discipline:** If you choose to disrupt class, the following sequence of interventions will occur:

1. A verbal warning.
2. Extra work assignment or teacher detention (my discretion), Behavior Management Plan.
3. If extra work assignment is not completed or if there is still a discipline problem, administrative detention will be assigned; parents will be called.
4. Sent to the office.

**Supplies**

No. 2 Pencils, 3 Ring Binder, Notebook Paper, and Colored Pencils. **\$20 Lab Fee.**

**Late Work:** Late work may be accepted (at the discretion of the teacher) through the end of the week during which it was due. Points will be deducted for all late work.

**Honor Class:** Research Articles and Projects are **Required.**

**\*\* Important Note:** You **WILL** have homework in this class. It is not possible to learn Anatomy and Physiology without actively involving yourself in studying the material. Do not expect to pass if you do not complete homework in a timely manner. \*\*

**Student:** I agree to follow the policies of the syllabus.

Student Name \_\_\_\_\_ Date \_\_\_\_\_