



Phone: 713-688-1361

Website: www.houstonisd.org/waltrip

Anatomy and Physiology:

Course Syllabus 2022-2023

Instructor: Mr. Ernesto Gonzalez

Email: ernesto.gonzalez@houstonisd.org

Room: 3204

Office Hours: Tuesday/Thursday (9:15-9:45), Wednesday/Friday (10:50-11:20)

Course description and Objective:

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

How Students will Succeed with the objective:

- Students will utilize scientific terminology, principles and investigative processing which will **prepare** them **for college and university** laboratory science courses, as well as in **technical fields**.
- Students will **strengthen their communication skills** through maintenance of a properly documented e-method, individual and group research reports, experimental reports, and oral presentations.
- Students will utilize **computer** and **advanced technology** tools to assist in detecting and collecting evidence, experiment simulations, analyzing the data, research and to develop online references.
- Students will **investigate careers** in Anatomy and Physiology and other related fields.

Class-Time Procedures:

1. **15/15:** students may not leave class the **first** or **last** 15 minutes of class – not even to rest room. So, take care of personal between classes. If need restroom outside of time limit, will count Tardy.
2. **Attendance taken as soon as TARDY BELL rings!** On Traditional scheduled days, the cut-off for absent is first 15 minutes. On Block scheduled days, the cut-off for absent is 30 minutes. However, TARDIES are strictly enforced.
3. **IDs must be worn and always displayed as required by HISD policy!**
4. **Students are required to fill out YELLOW hall pass if need restroom break. You will write your name on paper and strike out when you return.**
5. **Late work accepted up until day three, 3! After that, risk not getting a grade.**
6. **NO PHONE USE allowed!** only during research time and for Class purpose only. Must wait for Teacher to start the Research Time. **If you use phone during instruction time, you will lose points on assignment, or eventually not receive grade. A phone call home will be made if not resolved.**

Grades:

Exams	40%
Activity Class Work	30%
Quizzes - Participation	30%

How Grades are earned:

- 2 Grades per week will be recorded on CANVAS. By end of each Cycle the students will have earned at least 12 grades.
- NO LATE Work Accepted after third late day.

Topics to be covered:

Foundations of Human Anatomy, The Skeletal System, The Muscular System, The Nervous System, The Sensory Systems, The Endocrine Systems, The Respiratory System, The Cardiovascular System, The Lymphatic System, The Digestive System, The Urinary System, The Male and Female Reproductive System.

Anatomy and Physiology Contract: Mr. Gonzalez, 2022-2023

Student Name, Assigned Seat, and Class period:

Parent/Guardian Name:

Contact Phone Number:

Contact email: _____

I have read, understood, and discussed the classroom rules and procedures with my son/daughter, and understand the grading policy, expectations, and other information provided on the syllabus.

Student Signature: _____

Parent Signature: _____

Date: _____