

Honors Human Anatomy and Physiology
Peace
2017-2018

Course Description

Anatomy and Physiology is the study of the body's structures and respective functions at the molecular/biochemical, cellular, tissue, organ, systemic, and organism levels. Through laboratory investigations, students will study anatomical orientation, support and movement, integration, and regulation, transportation, absorption, and excretion, and reproduction, growth, and development.

Anatomy and Physiology Curriculum

Unit 1 Orientation

Unit 2 Biochemistry

Unit 3 Cell & Tissues

Unit 4 Integumentary System

Unit 5 Skeletal System

Unit 6 Muscular System

Unit 7 Nervous System

Unit 8 Special Senses

Unit 9 Endocrine system

Unit 10 Blood

Unit 11 Cardiovascular System

Unit 12 Lymphatic System and Body Defenses

Unit 13 Respiratory System

Unit 14 Digestive System

Unit 15 Urinary System

Unit 16 Reproductive System

Textbook

Essentials of Anatomy and Physiology, Elaine Marieb

Materials required

Three ring binder

Loose leaf notebook paper

Expectations: Since this is an upper-level science course, it is expected that the students taking this course are highly motivated, self-sufficient people with a specific interest in this topic. This rigorous course requires extensive preparation outside of class-there is a substantial amount of material which has to be memorized! Students will be expected to take notes, keep an organized notebook, complete reading assignments, and participate in labs. Individual and team projects will also be required.

Grading scale:

90-100 A

80-89 B

70-79 C

60-69 D

60 and below F

Grading Policy: Grades will be determined as follows: 70% from tests and mini assessments, and 30% from labs, activities, and projects.

Grading policies for late work and retesting will follow

Classroom Rules

1. Always be respectful

- Be respectful of yourself, your teacher, your peers, and property
- Be respectful by keeping noise to a minimum and not speaking when others are speaking

2. Be accountable

- Be accountable for your work, attitude, and actions. Come in with positivity!

3. Follow directions

- Wait in your seat until instructions are given

4. Be prepared for learning

- Start on work posted on the board
- Turn in homework to appropriate bin

5. PARTICIPATE

- Ask questions
- Be engaged in your learning!

Cell phones:

Cell phones should be turned off and out of view. Those that are not will be confiscated.

Consequences:

1. Verbal Warning
2. 1:1 Conversation
3. Behavior Accountability Sheet/Parent Contact
4. Referral
5. Removal from class

Student Name _____

Student Signature _____

Date _____

Parent Name _____

Parent Signature _____

**Parent email
address** _____

Parent cell phone _____

Parent home phone _____

Date _____

Feedback and Special

Concerns: _____

