

Honors ANATOMY and PHYSIOLOGY

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Room 111

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Course Description:

Anatomy is the study of the form, or structure, of body parts and of how these parts relate to one another. Physiology is the study of how the parts of the body work and carry out their life-sustaining activities. This is a laboratory-orientated course in which students investigate the structures and functions of the human body. Emphasis will be placed on laboratory work, class work, and problem solving. The course is designed to build a knowledge base for those students who wish to pursue a medically related career. As an advanced course, Anatomy and Physiology has Biology I and Chemistry I as a prerequisite.

Outcomes:

- The student conducts laboratory investigations and fieldwork using safe, environmentally appropriate, and ethical practices.
- The student uses scientific methods during field and laboratory investigations.
- The student uses critical thinking and scientific problem solving to make informed decisions.
- The student knows the energy needs of the human body and the processes through which these needs are fulfilled.
- The student knows the responses of the human body to internal and external forces.
- The student knows the body processes that maintain homeostasis.
- The student knows the electrical conduction processes and interactions.
- The student knows the body's transport systems.
- The student knows environmental factors that affect the human body.
- The student knows how to compare anatomical structures to physiological functions.
- The student knows the process of reproduction, growth, and development.

Expectations:

When in the classroom, students will meet the following expectations:

1. Follow all directions and classroom procedures.
2. Be in assigned seat before tardy bell finishes ringing.
3. Be respectful of others and their properties.
4. Bring all required materials to class.
5. Follow the rules given in the student handbook.

Grading:

Six weeks grades will be determined as follows:
10% Daily Work: Class assignments/Homework
20% Quizzes/Labs
70% Test: Major test and Projects

Test retakes: Allowed if test grade is below 70, there are no zeros, corrections have been made, and tutorials have been attended. Highest grade allowed on retake is 70.

Semester Exam exemptions: No more than 3 non extracurricular absences in a semester.

Make-up Work:

If you have been absent, you are responsible for getting missed assignments. Normally, one day will be granted for each day absent to complete and turn in make up work. Check wall folder for handouts, and check Canvas for notes.

Tutoring:

Tutoring – before school Monday- Friday 7:30-7:50

Food and Drinks:

No food or drinks in lab. Drinks with lid are permitted in classroom. Notify teacher immediately if something spills. Clean up after yourself, or class will lose privileges.

Cell phones:

Phones should not be present during instruction. You may store your phone in the provided pocket, charge your phone at a charging station, or keep your phone in a backpack or purse. Failure to abide will result in consequences.

Supplies:

Pens
3 or 5 subject spiral with pockets
Large pack of colored pencils
highlighter
Box of tissues