

Ms. Christmon
Anatomy and Physiology
Cell Phone: (513) 400-5241 (Text before 8:00 pm)
Email: christn@cps-k12.org
Office Phone number: 363-2662
Help Session: Thursdays from 4-5 pm

Course Description:

Welcome to the wonderful world of anatomy and physiology! A class designed to explore one of the most amazing machines ever assembled, of course, we are talking about the human body! During the course of study, we will investigate the following topics and systems:

1. Orientation of the Body
2. Chemistry of Life
3. Cellular Structure and Function
4. Body Systems
 - a. Histology
 - b. Integumentary
 - c. Skeletal
 - d. Muscular
 - e. Nervous
 - f. Special Senses
 - e. Endocrine
 - f. Blood
 - g. Cardiovascular
 - f. Lymphatic
 - h. Respiratory
 - i. Digestive
 - j. Urinary
 - k. Reproductive systems.

We are going to approach this class from an introductory perspective. Anatomy and physiology can be quite a challenging discipline on many levels. I like to take a deeper rather than wider perspective. The intention of this course is to cover the essential information of each unit. Students will have the opportunity to learn thousands of new terms and concepts and the course may even be considered as learning a whole new language. The challenges will be great, but the rewards will be worth the effort! Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

Laboratory work includes dissection of preserved specimens, microscopic study, physiologic experiments, computer simulations, peer teaching and curriculum development, and multimedia presentations. There will be SEVERAL DISSECTIONS! Comparative anatomy is an essential tool to learn about the human body. Dissections will include, but are not limited to frogs, fetal pigs, and various sheep or cow organs. Completion of this course will provide students with equivalent knowledge and skills of pre-major and/or elective college course requirements.

Materials required for the course:

- 1- 3 ring binder (2 inch)**
- 8 pack of dividers**
- 2- packs of index cards**
- 1- Composition binder**

Students are required to bring science binder to class daily. The binder will be divided into 8 section for student to keep classroom work, notes and study materials for the course.

Classroom Environment:

Students will participate in cooperative learning groups to enhance their ability to communicate with peers and improve their ability to work with others constructively. Students will participate in class discussion, warm-ups, test, quizzes, laboratory, laboratory reports, and interpersonal skills that are designed to help students grasp concepts of problem solving skills in science curriculum and group settings. There will be no passes the first 10 minutes or the last 10 minutes of class. Only 1 person will be allowed a pass at a time.

Assignments:

Any of these assignments may occur on a routine basis such as quizzes, test, discussion post, laboratory reports, classwork, individual projects and homework.

Discussion post will occur on scheduled class days using Schoology. Discussion post will be posted daily and graded at the end of each week. Each response can be worth up to 3 points per day. If discussion post are answered on the proper day you have the opportunity to earn 1 extra credit point per day which is 3 extra credit points per week. During each week you must respond to 2 people daily. If you respond to 2 people per day you have the opportunity to earn 2 points per day also. Discussion Post total at the end of the week would be a total of 15 points.

Students will be involved in laboratory experiences. A formal lab report will be expected upon completion of lab.

Test and Quizzes will be written. **Quizzes are open notes.** The **quizzes** will have a time limit of **15 minutes and 5 questions.** **You will NOT be able to use your notes for test.** Make sure you are prepared and have all the necessary notes and handouts to complete the quizzes. A safety test will be given in the beginning of the year. **You must pass with 100% and have a signed safety contract to participate in lab.**

Agenda will be posted daily with assignment due dates. Discussion post will be on schoology weekly.

Online textbook websites will be available that will be used for classwork and homework. All links will be provided as codes to sign up for websites. Different links will be used for coursework as well.

Evaluation of Performance: Below you will find the grading scale with the breakdown of percentages for the year

Grading Scale

A 100-90%

B 89-80%

C 79-70%

D 69-60%

F 59-Below

Grading Summary

Classwork	20%
Test	20%
Discussion Post (Warm Up)	20%
Quizzes	20%
Lab Report Pre- Lab Questions Laboratory Post Lab Questions	20%

Discipline in the Classroom:

The positive school culture plan of discipline ladder will be followed in the classroom. Kickboard will be used to track student discipline in the classroom.

Attendance:

Regular attendance is crucial for success. It enables the students to understand assignments and take advantage of the guidance provided by the teacher, speakers, field experiences and peers.

Make Up:

Students will make up assignments after returning from an excused absence. Due dates from make-up assignments are based on days absent i.e. 5 days absence excused- 5 days to turn in and make up work. Labs can be made up during help sessions only. It can only be the lab from the previous week.

Equipment Maintenance and Room Safety:

Students will be expected to use safety procedures in class. If any safety procedures are violated during class time student will be removed from lab. Student will not be allowed to make up lab. Students are removed from lab must retake the safety test and score 100%. Safety will be strictly enforced to ensure that students will not harm themselves or others. All equipment should be used to prevent breakage and/or harm to students and classmates. Once the safety test has been passed with a 100% and the safety contract returned students are to adhere to all rules pertaining to laboratory and classroom safety protocols.

Extra Credit and Deadlines

Extra credit opportunities will be at the teacher's discretion. There are **2 opportunities to earn extra credit points on a weekly basis**. The first is through the discussion post. If the question is answered on the day it is assigned then **1 extra credit point is awarded. Total extra credit points for the week is 3 points**. During the quarter **20-30 extra credit points can be earned**. The **second** way to earn extra credit points is to **NOT have your phone out in class**. You can **earn 3 extra credit points per class** for not having your phone out during class. **Once the phone is seen by the teacher the points cannot be earned for that class period**. You have the opportunity to earn **9 points per week** for not having your phone out in class. **During the quarter you can earn 75-90 extra credit points. The total points earned for the quarter can range from 95-120 points**. There will be **NO EXTRA CREDIT PACKETS**. Students may attend help sessions to make up work that was missed due to absence. Students will be made aware of deadlines to complete assignments a week before the deadline. Once the deadline has passed assignments cannot be made up and students will receive a zero.