

Objective:

Human anatomy and physiology is an elective science course that encompasses a review of the human body's structure, functions and pathologies. This advanced course is designed for those students wanting a deeper understanding of those structures and functions revealed to them in Living Environment. The body will be viewed as a whole using anatomical terminology necessary to describe location. Focus will be at both micro and macro levels reviewing cellular functions, biochemical processes, tissue interactions, organ systems and the interaction of those systems as it relates to the human organism. Systems covered include Circulatory, respiratory, excretory, endocrine, digestive and lymphatic. Students will engage in active inquiries, investigation, and hands-on activities.

It is my hope that this course exposure may ignite some of your interests in the amazing machinery of the human body and provide an opportunity, through systematic study for students to explore possible health-related careers and be able to make better decisions concerning personal and community health issues.

Materials:

3 ring binder

lined paper

pens and / or pencils

Assessments:

Tests will be given at the end of each unit (chapter) covered. While quizzes will be given during the course of covering the units to assess the student understanding part way through each chapter. If a student misses a test or quiz, they should be prepared to take them upon return.

Lab Investigations will be performed as hands on activities to reinforce and test understanding of unit material. Yes, dissections are a component of this course!!! A student missing a lab investigation will be allowed to makeup the activity after school.

Students will be required to assemble a disease journal entry for each of the body systems covered allowing them to compare and contrast normal versus abnormal functions. Disease journal due dates will be revealed to the student allowing them ample opportunity to complete the assignment. Disease journal entry handed in late will cost the student 20% for each day late.

Any material not received will earn a zero and calculated into the quarterly average.

Final examination, which is worth 20% of the total average, will be given at the end of the course

Grading Policy: Test- 50%
 Quiz- 15%
 Labs- 10%
 Homework- 10%
 Participation- 5%
 Disease Journal- 10%
 Each quarterly grade - 100%

FINAL GRADE is 80% of the 2 quarterly averages plus the 20% of the final examination.,.

Discipline:

School policies will be followed regarding tardiness, cheating or any other disciplinary situations that may arise.

Class expectations:

Be on time Be attentive
Be prepared Be respectful

My email address is spatana @ esmonline.org.

Extra Help: Thursdays

I have reviewed the outline for anatomy & physiology II with

Student

Parent/ guardian name

Signature

Contact #:

email address: