

ANATOMY AND PHYSIOLOGY B

2011-2012

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Course Description: This class will expand upon what the students have learned in Biology and Chemistry in order to study the "Fearfully and Wonderfully Made" human body. Our explorations will also include a study of contributions to the field of various anatomists from ancient times through the 21st century. Finally, we will debate and become familiar with various ethical issues that are pertinent today.

Course Objectives:

1. To understand, in detail, the structures and functions of the systems of the human body.
2. To interact with the thoughts of those who have shaped the field of anatomy.
3. To understand the ethical issues and current events which impact the study and practice of medicine and medically related fields.

Course Requirements:

1. Students will have required readings from the text, articles, writings, and the Bible relevant to what we are studying. These readings will be accompanied by homework assignments to aide in understanding and extensive classroom discussions.
2. Students will be expected to do one major project per semester: a research project and a book report.
3. Students will be expected to participate in class discussions to give evidence of interacting with the materials assigned to prepare for class.

Office Hours:

I welcome the opportunity to meet with students or parents. Parents are encouraged to contact me to find out how things are going in class, etc. Students should make a point of seeing me as soon as they realize they are struggling with a particular concept. It is much better to deal with things sooner rather than later! My office hours are posted on my office door!

Books:

1. *The Human Body: Fearfully and Wonderfully Made*
2. Handouts and various writings and books
3. *The Anatomy Coloring Book*

Materials needed:

1. 2" notebook with dividers
2. Notebook paper
3. **High quality** colored pencils-**at least** 24 colors and a good eraser

Grading:

Class Participation.....	30%	Homework	30%
Tests/Projects/Papers.....	30%	Misc.....	10%

Homework will include coloring pages that are designed to help students learn the material as well as study questions that will aid in reading. The coloring pages will be graded for neatness and accuracy. I realize this seems silly to the students, but these are even used in college courses and will help in learning the material if they are done properly!

There will be tests given for each system studied. Each student will also have a research paper and a book report which will go in this category.

PLEASE NOTE: *This class will be used to prepare students for what to expect in college, and I realize as seniors students' have many responsibilities. Therefore, I will make assignments far in advance in some cases...it is up to the student to manage their time wisely and take advantage of this. Test dates will be announced/entered in gradespeed at least 2 weeks ahead. It is a good idea to study ahead; it will be impossible to do well on the tests if study is delayed until the night before! The major project for the semester will be assigned by the second week of class, but not due until a couple of weeks before the end of the semester...working on it in "small bites" during the semester will be much less stressful than waiting until the last minute! Homework due dates for each module will be announced when we first begin working on the module. The material will be easier to learn if the homework is done in small doses and spread out instead of all at one time.*

MAJOR RESEARCH PROJECT EXPECTATIONS:

The major report in the fall will count as 2 test grades, so the work done by the student must be of high quality! The paper will be due 2 weeks before the end of the first semester, but the student can start as soon as they wish after getting their topic approved by Mrs. Jackson.

The research paper will need to be a minimum of 5 pages in length. It will require a coversheet and bibliography. More details will be provided in class.

BOOK REPORT:

There will be a book report due 2 weeks before the end of the second semester that will count as 2 test grades.

The student will be able to choose a book on their own (it will need to be approved by Mrs. Jackson) or from the list provided. The report will be a minimum of 5 pages in length. It will require a coversheet. More details will be provided in class.

EXTRA CREDIT AND GOLDEN TICKETS:

Extra Credit/Golden Tickets can be discussed with me on an individual basis. Their use is determined by many factors including past study habits, revision/retake history of the individual student, etc...

FIRST ASSIGNMENT:

Read Module 1 and be prepared for a vocabulary quiz on the terms listed on #1 on p. 30.