

Anatomy and Physiology Syllabus 2019-2020 SY

Contact Information

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Course Description

Anatomy and Physiology is a laboratory based course that investigates the structure and function of the human body. Students will learn how the different body systems work independently and directly with each other. Students will learn through dissecting a cat and organs of the sheep, case studies, research, assessments, lab work, and projects.

Course Procedures

Lessons and activities will emphasize topics related to human anatomy and physiology. Students will be required to participate in lessons and all activities. Students are required to read journals and medical articles. Class time will be used to reinforce concepts through discussion, labs, and research. Students will be required to keep two bound composition notebooks. One will be used for topic notes and the other for homework. Test and quizzes may include any materials discussed or assigned both in and out of class. Homework will be assigned weekly. Projects will be assigned during the 2nd and 4th advisory periods.

Dissections

Students are *required* to participate in lab dissection activities. Students may opt out of directly performing the dissection however it is *mandatory* to complete the lab through observation, active participation, discussion, assessment and clean up.

Course Outline

Unit 1:

Introduction to human anatomy and physiology

Tissues

Nervous System

Special Senses

Unit 2:

Integumentary System

Muscular System

Skeletal System

Unit 3:

Cardiovascular System

Respiratory System

Immune/ Lymphatic System

Unit 4:

Digestive System
Urinary System
Endocrine System
Reproductive System

Materials

Pencils
Pens
2 Composition Books
Kleenex (1 box)
Paper towels (1 roll)

Student Evaluation (Per Advisory)

Participation 10%
Practice & Application (HW, classwork, labs) 50%
Assessments (quizzes, projects, tests) 40%

Grading scale

A = 100-93
A- = 92-90
B+ = 89-87
B = 86-83
B- = 82-80
C+ = 79-77
C = 76-73
C- = 72-70
D+ = 69-67
D = 66-64
F = 63-0

Classroom rules/expectations

1. Show respect for teacher and classmates always.
2. Be in your seat, ready to start on do now before the late bell rings.
3. Absolutely no eating, drinking, or chewing gum in class.
4. No use of cell phone or electronic devices.
5. No getting out of your seat without permission from the teacher.
6. No profanity.
7. No horse playing or sitting on tables.

Attendance Policy and Grading (pg.26)

“Grading and retention decisions related to student absences shall follow guidance articulated in DCMR Title 5, Chapters 21 and 22, and as described in the Attendance Policy.

- Secondary students with five (5) or more unexcused absences in any class during a single advisory shall receive a grade reduction in that subject.
- Secondary students with ten (10) or more unexcused absences in any class during a single advisory shall receive a grade of "FA" (failure due to absences) in that subject.
- Secondary students accumulating thirty (30) or more unexcused absences in a course within a full school year shall receive a failing final grade in that course with a resulting loss of course credit.”

Homework Policy

Homework is expected to be submitted on time. Late work will ONLY receive **50%** of the original grade for a grade no lower than a **50F**. Students caught cheating during a test or quiz will receive a zero and parents will be notified. Plagiarism is considered cheating and students will automatically receive a zero.

Disease Journal

Submissions to the Disease Journal will be announced when they are due. Each entry should relate to the body system being covered at that time. Each submission should contain a graphic of some aspect of the disease as well as an outline description of the specific characteristics, causes, signs & symptoms, diagnosis, and treatment for the disease. All sources should be cited in the correct format for print and internet.

Anatomy in the News

Submissions of Anatomy in the News will be announced when they are due. Find a current newspaper, magazine, or internet article on some aspect of ANATOMY (no articles older than 2015). Write a two-paragraph summary of the news article that includes the following information: Who, What, Where, When, and Why it is related to ANATOMY. Cite the source: Title of Article, author, date, and URL or Title of Article, author, date, and newspaper or magazine.

Makeup Work Policy

In terms of work missed due to absences, I am following guidelines set forth in the 2016-17 DCPS Secondary School Grading and Reporting Policy: From pg. 23 - “Students are responsible for completing all assignments, class work, labs, exams, et cetera, missed while out of the classroom, whether the absence was excused or not. A student typically has three (3) school days to make up missing assignments, unless otherwise written within a 504 plan.” From pg. 24 – “Teachers may choose, in conjunction with the student, to schedule the make-----up work for a time outside of class. It is the responsibility of the student to contact the teacher to make arrangements for clarification and/or materials. Students are also responsible for securing the make-----up work as well as contacting the teacher.”

Your signature confirms that you have read the syllabus and agree to adhere to the procedures and policies as stated. Please return the signed paper by the next class.

Parent/Guardian Signature: _____ **Date:** _____

Student Signature: _____ **Date:** _____