Anatomy & Physiology Syllabus 2015-2016 SY

Contact Information:
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Course Description:
Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies. The following website will also be used for most text/lecture related homework assignments www.anatomyandphysiology.com.

Course Procedures:
Lectures and activities will emphasize topics related to human anatomy and physiology. Students will be required to participate in lectures 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 organized composition notebooks. One used for notes and vocabulary. The other used for Disease journal writing, Anatomy in the news writing and Lab reports. Tests will include all materials discussed or assigned both in and out of class. Quizzes will be every other Friday.

Textbook:
Students will be issued Hole’s Anatomy & Physiology textbook that must be returned at the end of the school year.

Course Outline

1st Advisory
<table>
<thead>
<tr>
<th>Topics</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Anatomy</td>
<td>1</td>
</tr>
<tr>
<td>Chemical levels of organization</td>
<td>2</td>
</tr>
<tr>
<td>Structure and function</td>
<td>3</td>
</tr>
<tr>
<td>Tissue level of organization</td>
<td>4</td>
</tr>
<tr>
<td>Integumentary system</td>
<td>5</td>
</tr>
</tbody>
</table>

2nd Advisory
<table>
<thead>
<tr>
<th>Topics</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skeletal system</td>
<td>6</td>
</tr>
<tr>
<td>Muscular system</td>
<td>7</td>
</tr>
<tr>
<td>Nervous system</td>
<td>8</td>
</tr>
<tr>
<td>General and Special senses</td>
<td>9</td>
</tr>
</tbody>
</table>

3rd Advisory
<table>
<thead>
<tr>
<th>Topics</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endocrine system</td>
<td>10</td>
</tr>
<tr>
<td>Cardiovascular system: Blood</td>
<td>11</td>
</tr>
<tr>
<td>Cardiovascular system: Heart</td>
<td>12</td>
</tr>
</tbody>
</table>
Cardiovascular system: blood vessels/circulation | 13
Lymphoid system/Immunity | 14

4th Advisory

<table>
<thead>
<tr>
<th>System</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory system</td>
<td>15</td>
</tr>
<tr>
<td>Digestive system</td>
<td>16</td>
</tr>
<tr>
<td>Urinary system</td>
<td>18</td>
</tr>
<tr>
<td>Reproductive system</td>
<td>19</td>
</tr>
</tbody>
</table>

**Materials:**
- Color pencils
- Pen (Black or Blue ink only)
- 2 Composition Books

**Student Evaluation (Per Advisory)**

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Percentage of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation</td>
<td>10%</td>
</tr>
<tr>
<td>Practice &amp; Application (HW, classwork, labs)</td>
<td>50%</td>
</tr>
<tr>
<td>Assessments (quizzes, projects, tests)</td>
<td>40%</td>
</tr>
</tbody>
</table>

**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 at all times.
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 cell phones or electronic devices.
5. No putting your head down.
6. No getting out of your seat without permission from the teacher.
7. No profanity.
8. Be prepared for class with all required supplies.
9. No horseplaying 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. Students caught copying homework will receive no credit and parents will be notified. Plagiarism is considered cheating and students will automatically receive a zero.

**Disease Journal:**

Submissions to the Disease Journal are due monthly by the last Friday and should relate to the body system being studied. 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 are due on the 15th of each month. Find a current newspaper, magazine, or internet article on some aspect of ANATOMY (no articles later than 2013). Write a two paragraph summary of the news article that includes the following information: Who, What, Where, When, 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 new 2015-16 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.”
ANATOMY AND PHYSIOLOGY SYLLABUS
AND CLASSROOM EXPECTATIONS AGREEMENT

RETURN THIS SIGNED AGREEMENT THE FOLLOWING CLASS DAY. THIS WILL COUNT AS YOUR FIRST HOMEWORK ASSIGNMENT.

I have read, understand, and will abide by the student expectations and the lab safety contract. I have read the course syllabus and confirm my commitment to this class.

Student name _________________________________________ (printed)

Student signature________________________________________

Date: __________

Parent signature_________________________________________

Date: __________