



COURSE SYLLABUS
"Mission: I'Mpossible"

Instructor's Name:	John C. Alvarez
Course Title:	ANATOMY & PHYSIOLOGY HONORS
Course Location:	Piper High School, room 578
Contact Information:	<i>Feel free to contact me for any reason.</i> Phone: 754-322-1700 ext. 582-3144 Email: john.c.alvarez@browardschools.com
Availability:	Best method to reach me is email , I check it regularly. <i>Please include the student's name on the subject line.</i>
Course Materials:	Text: Marieb, Katja Hoehn, Human Anatomy & Physiology Pearson, 8 th Edition Organization is an integral part of being a successful student. Along with organization comes preparation. It is imperative that students come to class prepared every day. Students should to have the following materials with them in class each day: <ol style="list-style-type: none"> 1. Two composition books 2. Blue or black ink pens 3. #2 Pencils for assessments & labs 4. Colored pencils
Electronic Resources:	<i>Pinnacle Gradebook:</i> <i>It is recommended that you (student and parent) check Pinnacle regularly for attendance and grades.</i>
Objectives:	<ul style="list-style-type: none"> • Analyze the relationship between structure and function within each body system. • Demonstrate an understanding of how each system helps to maintain homeostasis. • Build an anatomical/physiological vocabulary that is essential to success in this course and in future careers. • Demonstrate an understanding of human development and aging and apply that knowledge to new settings. • Apply the scientific method when thinking and learning about human anatomy and physiology.

WE ARE BENGALS - COMMITTED TO RESPECT, INTEGRITY, & DIGNITY





PIPER HIGH SCHOOL

Schedule

WEEK ONE

Chapter 1 –Introduction to Anatomy and Physiology

WEEK TWO

Chapter 2 – Basic chemistry (review)

WEEK THREE

Chapter 3 – The cell (review)

WEEK FOUR

Chapter 4 Tissues

WEEK FIVE

Chapter 5 – Integumentary system

[Eye Dissection]

WEEK SEVEN

Chapter 6 – Bone tissue

WEEK EIGHT

Chapter 7 –Skeleton

WEEK NINE

Chapter 8 – Articulation

WEEK TEN

Chapter 9 Muscle tissue

WEEK TEN& ELEVEN

Chapter 10 The Muscular System

WEEK TWELVE

Chapter 11 –Neural Tissue

WEEK THIRTEEN & FOURTEEN

Chapter 25 – The Urinary system

[Kidney Dissection]

WEEK FIFTEEN

Chapter 12 –Brain

WEEK SEVENTEEN

Chapter 15 – Special Senses (vision, hearing, smell, taste)

WEEK EIGHTEEN

Chapter 14 – Autonomic Nervous System

WEEK NINETEEN

MIDTERM REVIEW

WEEK TWENTY

MIDTERM EXAMS

WEEK TWENTY ONE

Chapter 16 – Endocrine System

WEEK TWENTY TWO

Chapter 17 – Blood

WEEK TWENTY THREE

Chapter 18 – The Heart

[Heart Dissection]

WEEK TWENTY FOUR

Chapter 19 – Blood vessels and circulation

WEEK TWENTY FIVE

Chapter 21 – Immune System

WEEK TWENTY SIX

Chapter 22 – Respiratory system

WEEK TWENTY SEVEN

Chapter 13 –Peripheral nervous system.

WEEK TWENTY EIGHT & TWENTY NINE

Chapter 23 –Digestive System

[Fetal Pig Dissection]

WEEK THIRTY THREE

Chapter 24 – Diet and Nutrition

WEEK THIRTY FOUR

Chapter 26 Fluid, Electrolyte & Acid/Base Balance

WEEK THIRTY FIVE

Chapter 27 – Reproductive system

WEEK THIRTY SIX

Chapter 28 Development

Overview of fetal development

WEEK THIRTY SEVEN

Final Exam Review

WEEK THIRTY EIGHT

Final Exam Review



<p>Class Work and Homework Policy:</p>	<p>Students are expected to keep up with the material by <i>reading at home</i>. Homework is given <i>often</i> and usually consists of section assessments.</p> <p>Due dates are announced in class and noted in Pinnacle gradebook. Check Pinnacle often.</p> <p>See late work criteria below.</p>
<p>Quizzes:</p>	<p>Quizzes are given regularly and include new material as well as material from the past.</p>
<p>Mid-Term and Final Exams:</p>	<p>Exams will be announced in class and on Pinnacle gradebook. Exams can be multiple choice, fill in the blank, free response, etc.</p>
<p>Late Work:</p>	<p>If a student is absent, he/she may turn in late work up to 48 school hours after returning to school. After 48 hours, it will NOT be accepted.</p> <p>It is the student's responsibility to ask for late work and to check pinnacle regularly to see what he/she has missed.</p> <p>If a student is absent on the day of an exam (quiz/test), the student has 48 hours to make up that exam. <i>Exams can be made up immediately after school in my classroom.</i></p>
<p>Class Rules:</p>	<p>The school discipline guidelines will be followed including calls home, detentions and/or administrative referrals.</p> <ol style="list-style-type: none"> 1. Come to class prepared with supplies and completed assignments. 2. Be on time, in your seat, with work on your desk. 3. Tardiness is a disruption to the entire class & will not be tolerated; as per school policy: 3rd tardy = detention, 4th tardy= referral. 4. Broward County School dress code will be enforced in class at ALL times. 5. No talking unless you are called on. 6. Remain in your seat at all times. 7. LISTEN to and follow all directions the <i>first</i> time they are given. 8. Keep all personal belongings, including book bags and purses, under the desk or on the floor. 9. Refrain from using profanity, vulgar language, or gestures. 10. Absolutely NO eating or drinking in class. You may bring a water bottle that contains a lid.
<p>Weighting of Assignments:</p>	<p>The final course grade will be based on various traditional and alternative assessments, including the following:</p> <ol style="list-style-type: none"> 1. Quizzes 15% 2. Exams 30% 3. Dissections 30% 4. Class assignments/Participation 15% 5. Homework 10%



Grading Scale:	<i>Broward County's Grading Scale</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">90 – 100 = A</td> </tr> <tr> <td style="text-align: center;">80 - 89 = B</td> </tr> <tr> <td style="text-align: center;">70 - 79 = C</td> </tr> <tr> <td style="text-align: center;">60 - 69 = D</td> </tr> <tr> <td style="text-align: center;">59 and below = F</td> </tr> </table>	90 – 100 = A	80 - 89 = B	70 - 79 = C	60 - 69 = D	59 and below = F
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70 - 79 = C						
60 - 69 = D						
59 and below = F						
Academic Honesty:	<i>As a student of Piper High School I vow to not plagiarize and to never give or receive assistance on assessments.</i>					
Attendance:	All students will follow the guidelines set forth by Broward County Public Schools, the Code of Student Conduct Handbook, and Piper’s attendance policy.					
Cell phones :	<p>Prior to the start of class, students must turn their cell phones off to avoid unnecessary classroom disruptions.</p> <p>Cell phones must remain off until the end of class.</p> <p>Violation of these rules will result in confiscation of cell phone, detention, and/or referrals.</p> <p>Phones and any unapproved electronic devices are not permitted in class. If seen, they will be confiscated and given to administration. Parents will have to pick up devices.</p>					

Keep this syllabus as a reference.

The following pages must be signed by BOTH students and parents, and returned to the SCIENCE teacher by the first week of school.



Student Name

Student ID #

Period

This page must be returned to your **SCIENCE** teacher by the first week of school.
Keep the other pages of your syllabus as a reference.

Syllabus Confirmation Page

I _____ (*CLEARLY print **student** name*) have read through and discussed this course syllabus with my teacher today in class. I understand what exactly is expected of me in this class and what my responsibilities are for this semester. I know and understand what the academic policies and procedures that I am to follow are. I am aware of and understand how I am going to be evaluated and assessed in this course and how my final grade will be calculated. I am aware of and understand that tardiness is not tolerated and can negatively affect my class grade. I know that if I need extra help or have concerns I should speak with my teacher as soon as possible.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

How can we contact you? Please write below:

Student Email Address: _____@_____

Parent Email Address: _____@_____

Parent Phone Number: _____



**Safety in Science
Student Laboratory Contract**

I have been instructed in the necessary safety procedures required in this course. I agree to abide by the following guidelines:

1. Safety apparel will be worn when specified by the instructor.
2. Long or loose hair will be tied back. Excessively loose clothing or jewelry will not be worn.
3. All safety rules and regulations will be followed.
4. There will be no drinking or eating in the laboratory.
5. Experiments will be done in the specified order with the prescribed quantities of chemicals.
6. Only the chemicals specified by the teacher will be used. No unauthorized experimentation will be done.
7. The proper use of safety equipment and correct evacuation procedures will be followed.
8. Wash hands thoroughly before beginning and after completing an experiment.
9. Contact lenses will not be worn during specified experiments.
10. Horseplay or other inappropriate behavior will not be tolerated during laboratory experiments.
11. Never taste chemicals or smell them directly.
12. Never pick up broken glass with bare hands.
13. Report all accidents, no matter how minor, to the teacher.
14. Never work without teacher supervision in the lab.
15. Do not remove any chemicals or equipment from the lab without the teacher's permission.

Failure to follow these guidelines may result in reduction in grade, disciplinary action, and/or exclusion from laboratory activities.

Student Name

Student Signature

Date

Parent Name

Parent Signature

Date

Emergency Contact Information:

Does student have any allergies? Yes No

If yes, please list: _____

	Mother/Guardian	Father/Guardian
Cell Number:		
Work Number:		
Home Number:		
Email:		