



Human Anatomy & Physiology Syllabus | 2019 - 2020

Glenn Hills High School
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Few's Krew Core Values	Few's Krew Pride
<ul style="list-style-type: none">• Team• Kindness• Social Responsibility• Integrity• Grit• Enthusiasm• Leadership• Excellence	<ul style="list-style-type: none">• Preparedness• Respect• Integrity• Dependability• Effort towards College & Beyond

The two most important rules:

Be Nice.

Work Hard.

Rules for Forensic Science with Ms. Few:

1. Practice time and place
2. Right is Right
3. No opt out

Rewards

1. Praise
2. Brownie Points Call
3. Five Minutes of Fame
4. Teach me How to Dance (amaze me)
5. Treat Day (80%+ assessment)

Consequences

1. Warning (documented in AB)
2. Fix-it form or RAK
3. In – school Detention
4. Call to parents
5. Referral to an Administrator

Severe: Fighting, vandalism, stopping class from functioning – Immediate referral to administrator.

If a scholar has a concern about a particular issue, please feel free to discuss with me at a non-instructional time so that your concern may be resolved without disrupting our course work.

All rules and regulations outlined in the RCBOE County Uniform Code of Student Conduct are expected to be followed.

Rules to be a Spartan Scholar:

1. Teacher has the right to teach.
2. Students have the right to learn.
3. Laugh with everyone, but laugh at no one.
4. Raise your hand to be recognized.
5. Treat school property as if it's your own.
6. Be on time.
7. Be prepared for class.
8. Clean up after yourself.
9. Follow directions always.
10. Work hard.

GOLDEN RULE: TREAT OTHERS THE WAY YOU WANT TO BE TREATED!

Textbook: Marieb, E. N., & Keller, S. M. (2018). *Essentials of human anatomy & physiology*(12th ed.). New York, ny: Pearson.

Cost to replace textbook: \$183.65

Course Description:

Human Anatomy is the study of structure of a human body. Physiology is the study of functions of the organs in a human body. It covers the entire human organ systems and their functions. Cell and its structure and how it functions in correlation with biochemical substances will be taught. The students learn by investigations, using dissections and experiments. The subject needs a lot of discipline and perseverance, to understand and to apply the knowledge of Human Anatomy and Physiology in their career and daily life. The course enables the students to apply the knowledge in leading a hygienic and healthy life style. The study of Reproductive system makes the students responsible towards a wise and healthy lifestyle.

Upon successful completion of this course, students will have acquired supplemental knowledge about the content area of Human Anatomy and Physiology. Students will be able to apply concepts of scientific inquiry, gain a better understanding of the nature of science and the world around them, develop critical thinking and problem solving skills, increase scientific literacy, enhance verbal and mathematical skills, develop a thorough understanding of vocabulary and concepts, demonstrate an ability to apply understanding of vocabulary and concepts in multiple ways (with words diction and diagrams). These goals will be accomplished by students mastering the Georgia Performance Standards which will give students the ability to use reasoning and thinking skills to learn and understand curriculum objectives.

○ **Course goals**

- 80% mastery on all assessments! All class objectives align to Georgia and national standards. Therefore, classroom learning will directly relate to Georgia Milestone, SAT, and college success.
- Students will learn to operate in the classroom and beyond as scientists and citizen-scholars: thinking critically; engaging with respect; constantly observing and inquiring

○ **Course content and time schedule**

Semester 1

- Pre-Unit – Nature of Science – 1 week

- Unit 1 – Introduction to the Human Body – 5 weeks
- Unit 2 – Protection, Support and Movement – 10 weeks
- **Semester Two**
- Unit 3 – Integration and Coordination – 4 weeks
- Unit 4 – Transport, Absorption, and Excretion – 8 weeks
- Unit 5 – Unit 5- Human Life Cycle – 3 weeks

- **Major assessments**
 - Each unit will have three major assessments: a project, a lab, and a unit exam. Projects will give students opportunities to create artifacts that demonstrate their mastery of unit objectives by proving they can ‘put it all together’ and connect the unit to the course’s Big Ideas. In lab assessments, students will apply the unit content to the scientific method and process to demonstrate mastery. Finally, traditional unit exams, with both multiple choice and short answer questions, will provide a clearly quantifiable measure of unit objectives. This large variety of assessments will allow scholars many different ways to demonstrate their mastery of the course content. Per the categories of evaluation, notice that these three types of assessment form the vast majority of a scholar’s grade in the course.

- **Course activities**
 - Scholars should expect to participate in a rigorous course, where few moments will be wasted, a successful mind will always be inquisitive and attentive, and opportunities to stretch and strengthen one’s scientific thinking skills will be plentifully available. Activities will include:
 - **Projects:** Some projects will be major assessments, while others will be large in-class and/or homework assignments. Project activities will include independent research, generation of visual aids (posters, presentations, demonstrations, etc.), and presentation of ideas and results to peers.
 - **Labs:** Some labs will be short demonstrations or in-class explorations, while others will require extensive preparation and work in and out of class. Scholars will use labs to hone their ability to utilize the scientific method to acquire and analyze data and observations in order to draw conclusions in answer to key scientific questions.
 - **Exams:** Students should expect that exams will require a significant amount of study, as they will cover an entire unit (or even semester) of material. Exams will be similar to material and questions seen on other class assignments
 - **Classwork & Homework:** Class time will be spent in a variety of activities: active reading and writing; lectures and notes; group work, research, and discussions; and individual work time. Homework will involve reading, writing, research, review of in class work, and preparation/work for projects, labs, and exams.

Categories of Evaluation:

Scholars' grades will be determined on a weighted basis, based on the following categories and weights:

Summative: 40%

- Consists of but not limited to: unit tests, chapter tests, lab tests

Formative: 30%

- Consists of but not limited to: quizzes, labs, summaries

Classwork: 20%

Homework/FILL – Forensics Interactive Learning

Log: 10%

Grading Scale:

At Glenn Hills HS, we will institute a progressive grading system. The lowest grade a student can earn on a paper or assignment will be a 40% (minimum F).

PROGRESSIVE GRADING SYSTEM

Letter	Point Range
A	100 – 90
B	89 – 80
C	79 – 75
D	74 – 70
F	< 69

Grade Notification:

Students are expected to turn in work according to directions on its due date, without reminder. Parents and students are strongly encouraged to access Infinite Campus, the county online gradebook. Students are expected to keep track of grades, checking grades at least weekly, if not more often. Grades will be posted in Infinite Campus within a week of an assignment being turned in (larger written assignments, such as major labs and projects may result in a slight grading delay, but never longer than two weeks). Scholars unclear on how a grade was determined, or desiring to discuss the fairness and accuracy of a grade, are encouraged to approach the instructor.

Cheating:

Cheating will not be tolerated. Any student that is caught cheating will not receive credit for that assignment and their parents will be notified. Cheating includes but is not limited to cheat sheets, copying another student's paper, allowing a student to copy his or her paper, having a phone out during a test, or plagiarism. This includes lab work. Data may be the same on a lab, but the answers to questions and the conclusion must be an individual student's own work.

Make up work:

Scholars are responsible for all work, with absolutely no excuses. If you are still alive, you are expected to ensure you complete all assignments in order to master all course content. Scholars are entirely responsible for approaching instructor for any missing assignments or to catch up on missing work. Please be reminded that students and parents will have access to Edmodo in which assignments and tutorials will be posted regularly. Please check this platform as priority. Scholars are expected to use office hours or make other arrangements with instructor to get any help needed for makeup work. Missed assignments will be available in a binder in the classroom for two weeks after the assignment date. Assignments turned in more than two weeks late will require a signature from a parent/guardian and Ms. Few.

Make up work from an **excused absence** will be given the number of days absent to be made up, with no penalty (for example, if you miss Monday, the homework assigned that was due on Tuesday must be turned in one day late on Wednesday; if you miss Monday and Tuesday, Monday's homework may be two days late – turned in on Thursday – and Tuesday's homework may be turned in by Friday). Late work loses 5% per school day late (e.g., homework that was due on Tuesday, but turned in on Thursday will lose 10% credit). All late work must be initialed by Ms. Few to receive any credit.

Absences:

Scholars should notify instructor of absences in advance whenever possible. See student handbook for policy regarding number of absences allowed, rules for excusing absences, etc. Students are entirely responsible for tracking their numbers of absences and making up all work while they were absent.

Electronics Policy:

Personal electronics of any kind (cell phones, smart phones, mp3 players, headphones, etc) are not permitted in class without permission of the teacher. Unless expressly stated that these objects may be used, they should be secured in bags/pockets and out of sight. Bringing these objects to school is at the risk of the student; I am not responsible for electronics that go missing and will not stop instructional time to deal with these situations. Please secure your property in a safe location during class.

Assignment Expectations/Responsibilities:

All assignments will be posted and students must check the class webpages – Edmodo and Glenn Hills High School – everyday. Students are expected to keep track of all due dates, and turn in work on the date it is due, with or without reminders. Scholars are entirely responsible for maintaining their assignments, due dates, and exam dates in an organized fashion, as lack of organization or awareness will never be accepted as an excuse for late assignments. I will update the class Edmodo page for all classes as well as maintain the class site on the school page. There is not a reason for any scholar to not access either page and have the excuse of I don't know. It is required to access the class page(s) and emails daily – preferably in the afternoon.

Supplies:

- 2 composition notebooks
- Blue or black pens
- Wooden pencils – as back up to mechanical pencils being that you will not be allowed to borrow lead.
- Gmail account with a professional username
- Variety of highlighters
- *We are a BYOT school; you will need to be able to access 4 main FREE apps for this course:*
 - *Genius Scan*
 - *Remind*
 - *Edmodo*
 - *Gmail/Google Drive (This may change to One Drive via Microsoft)*
 - *Polaris (Optional)*

Office Hours:

Ms. Few maintains office hours on Monday and Wednesday afternoons from 2:35 PM to 3:35 PM. Students are encouraged to use office hour availability to get assistance with any area of the course in which they are not meeting their goals. Some students may also be required to attend office hours at times. Students are also encouraged to arrange other times, at the scholar's initiation, if they need assistance but are unable to attend office hours.

Happy Teacher ... Happy Student Tips for a Successful School Year

Some of these were adapted from another forensic science teacher, Mr. J. Giacobbe

Professional Attitude: To start off, you must approach this class like a professional, adult, college-track student. That means taking personal responsibility for your coursework, and being proactive in earning your grade. For example, you must seek me out and make arrangements for missed work; do not expect me to come running after you and ask you for your assignments.

Participation: Participation is everything! If I see that you are paying attention, trying your best, and getting involved in what we are doing, I will do everything I can to see that you succeed. Get involved every day, and I can guarantee you will do well in my class. You will also earn participation points, so stay focused and follow instructions.

Notebook: To pass this course you will need to keep an organized notebook. This should include any handouts you get in class, lab notes, and daily lecture notes. **KEEP EVERYTHING!** All assessments are based on notes taken during class. Some, but not all, assessments are open notes. As you progress in your education and careers, the importance of taking good notes cannot be underestimated.

Research/Accountable Talk:

- *Use solid information and research.* Use at least two books, two web sites, and two magazine or newspaper articles for your research. These sources should be reflected in the information of your paper and the references cited section.
- *Use professional research skills.* Use the proper references cited form (which we'll discuss in class), and avoid plagiarism!
- *Use professional writing skills.* Complete sentences, supporting statements, grammar, proofread, etc.

Use Your Resources: Your syllabus is a detailed guide to your coursework. Keep it and refer to it regularly. The web page will have copies of all our PowerPoints, and most of our assignments, readings, and references. In addition, extra credit, links to additional materials (like those you will have to use in your Final Research Project), and various images and video will be presented on the web. Use this resource. If you don't have an internet connection at home, make some arrangements to use our computer lab.

Classroom Operation – I know I don't need to tell you...but I will anyway!:

- When you enter the classroom, take your seat, and get ready for action and adventure.
 - Take the easiest route to your seat.
- Take your seat quietly, take out materials to be ready to learn.
- Start bell ringer promptly.
- Be prepared to discuss materials
- Pay attention to the lesson.

- Complete homework assignments when issued to you.
- If you need assistance for any reason, get my attention and wait to be called on.
- If you need to leave the classroom for any reason, you must get my permission and use the hall pass.
- At the end of class, please put your chairs back, throw your trash away, replace your references and any equipment used, and wait for me to dismiss you.
- Honesty: Cheating and plagiarism are unacceptable and totally uncool. Truly dreadful things will happen to you if I find you cheating or plagiarizing.
- Cell Phones: Not. If you use one in class, I may take the phone and give it to the roaches, who will probably call their families back in Madagascar, Africa.

Classroom Expectations

Be honest!

Be appreciative of the opportunities you are given and do not take anything for granted.

Be respectful of yourself, your peers, and your teachers.

Never give up.

Do not be discouraged.

Leadership is about taking responsibility and not making excuses.

"In order to succeed your desire for success must be greater than your fear of failure"
- Bill Cosby

"Believe you can, and you're half-way there" - Theodore Roosevelt

"If you can dream it, you can do it" - Walt Disney.

"You must be the change you wish to see in the world" - Ghandi

"I guess if you don't jump, you'll never know if you can fly" - Miranda Lambert

" It is a curious thing, Harry, but perhaps those who are best suited to power are those who have never sought it. Those who, like you, have leadership thrust upon them, and take up the mantle because they must, and find to their own surprise that they wear it well" – Albus Dumbledore, *Harry Potter and the Deathly Hallows*

Please sign and return this last page only.

Ms. L. Few Human Anatomy & Physiology

Glenn Hills High School 2019 - 2020

Student's Name:

Contact information

Parent #: _____

Student Gmail: _____

Student:

- I have read and understand the school rules listed above.
- I have read and understand the progressive discipline steps for inappropriate behavior and tardies.
- I have read and understand the course expectations provided for this course.
- I have read and understand that any books, computers, cameras, or other school-owned items loaned to me are my responsibility. If they are lost, stolen, or damaged, I agree to pay for their replacements.

Signature of Student

Date

Parent/Guardian:

- I have read and understand the school rules pertaining to my child.
- I have read and understand the progressive discipline steps for inappropriate behavior and tardies.
- I have read and understand what is expected of my child in this course.
- I have read and understand that any books, computers, cameras, or other school-owned items loaned to my child are my financial responsibility. If they are lost, stolen, or damaged, I agree to pay for their replacements.

Signature of Parent/Guardian

Date