



HONORS ANATOMY & PHYSIOLOGY

COURSE SYLLABUS

AGUA FRIA HIGH SCHOOL

FALL 2019 – SPRING 2020



Instructor: Mr. Carl McBee

Contact Information: Room: North Library Innovation Center
Email & iMessage: CMcBee@AguaFria.org
School Phone: (623) 932-7300 ext. 1012
Google Voice Mobile Phone: (602) 888-4175, *Until 9PM*
Office Hours: Wednesday and Thursday 2:15 - 3:15 PM,

Mon/Fri by appointment only

Course Description: In this course, we will be studying in-depth the anatomical structures in the human body and their complex functions. We will be learning how those structures allow us to function on a daily basis. Learning in this class will be supplemented by daily collaborative discussions, rigorous laboratory work, and various projects intended to further students' scientific knowledge about the human body. Furthermore, this is an honors course-- expect to complete honors-level academic work and to be treated like the honors students that you are!

Course Website: The Agua Fria High School District website service allows every teacher in the district to create their very own website! Our course website will allow you to access *all* course materials and our Google Classroom tool at the tap of your fingers, using a computer, or even just your smartphone! On your smartphone, it is extremely easy to navigate and requires no app download! Whatever you do, **save this link** (<http://www.bit.ly/mrmcbee>), so that as life happens throughout the semester, you will not be left in the dark if you do have to miss school. WiFi is available throughout campus for your personal devices and desktop computers are accessible in the library during lunch and after school (as long as you have no charges pending from missing books). While technology is amazing in the classroom, it can definitely be distracting and very uncooperative at times, so do not hesitate to reach out to me if you need any help accessing any of the wonderful technology we will use in this class!

-Course Link: <http://www.bit.ly/mrmcbee> (case sensitive, no capitals)

-District Link: <http://www.aguafria.org>

Google Account - Classroom and Drive: The district creates access to a Google Gmail account for every student on campus; it is given at registration and is the same username and password used to log on to school computers and StudentVue. This account can be used to access school Gmail, Google Classroom, and Google Drive services. Google Classroom offers an organizational dashboard for class logistics and cloud functionality that will serve as the primary area to access all course materials. This makes it easy to access information, such as important PowerPoint notes or announcements, if you are absent, or are having trouble with a specific lesson. Our class Google Drive can be accessed on a computer or mobile device! Simply go to our course website to find the link (that you should bookmark/save) or type the hyperlink below to open in your internet browser. You may also download the Google Classroom and Google Drive Applications from your device's App Store. It is an *expectation* that you memorize your login information or keep it written in a safe place (perhaps a note on your smart phone). Talk to me if your login credentials stop working.

Google Classroom: <https://drive.google.com>

Google Drive: <https://bit.ly/HAPdrive>

(***HAP must be capitalized)

StudentVUE/ParentVUE: The online attendance and gradebook system can be accessed by students and parents by entering the hyperlink below into any web browser. Parents should also log into ParentVUE to verify that the office has the most current information on record; accurate contact information, specifically phone numbers and email addresses, are essential to everybody's success. StudentVUE Applications for mobile devices are also available in mobile device App Stores (Apple App Store, Android Google Play Store).

Hyperlink: https://afsd.edupoint.com/login_pxp.aspx

**When setting up the mobile device app, use <https://afsd.edupoint.com/> as the district hyperlink.

Course Text: There is no required text from the Agua Fria bookstore. All required readings will be provided by Mr. McBee and even made available on the Google Drive. Furthermore, we will embark on a semester-long project that is the creation of an Interactive Notebook (INB). The INB will serve as your very own customized textbook and will be significantly more helpful than gibberish in an outdated textbook-- if you take the proper time to complete activities as we move throughout the semester. You *must* have a 3-5 subject notebook by the start of week 2.

Course Units: *What's on the docket??*

- ☞ Orientation and Anatomy/Physiology Language
- ☞ Integumentary System
- ☞ Skeletal System
- ☞ Muscular System
- ☞ Nervous System
- ☞ Circulatory System
- ☞ Respiratory System
- ☞ Digestive System
- ☞ Urinary System and Reproductive System

Required Materials: *What do I need to do my job as a scientist in K1?*

- ☞ 3 or 5 Subject Notebook **OR** 3-5 inch 3 ring binder
- ☞ Loose Leaf Paper
- ☞ Pen or Pencil
- ☞ Colored Pencils, markers, or crayons
- ☞ Glue (glue stick preferred)
- ☞ Binder or Folder for handouts

**Failing to come to class prepared will be addressed using a strike system. Strikes 1 or 2, Mr.McBee will provide missing materials and make a note. Strike 3 results in mandatory tutoring time and a call home. Please do not hesitate to talk to Mr. McBee if you cannot afford or find any of these materials.*

Grading Practices:

Performance Objective Grading 4-Point Scale	4-Point to Percentage	Traditional Grade Scale (Seen in ParentVUE)
Advanced Proficiency: 4.0	100%	A: 90.0-100.0%
Proficient: 3.0	88%	B: 80.0-89.9%
Partially Proficient: 2.0	75%	C: 70.0-79.9%
Minimally Proficient: 1.0	60%	D: 60.0-69.9%
No Evidence or Incomplete: 0.0	50%	F: 0.0-59.9%

Performance Objective Based Grading Categories

Performance Objectives (assessments)	90%
Science Practices: Notes, Labs, Projects	10%

This grading system grades what students actually know and trains them to play the knowledge game instead of the old-school points game; the points game does not train students how to prepare for assessments, rather it is extremely punitive with graded-for-completion homework. Gone are the days of copying homework to get points in an irrelevant grade book category. For further information, please visit www.bit.ly/sbgrading123 to see WHY I am so passionate about making this switch to help our students have more success in their post-secondary studies!

Tutoring/Extra Help: Anatomy and Physiology can be a VERY challenging subject because of HOW MUCH it covers, as opposed to the DEPTH at which it is covered... But it is also one of the most interesting, exciting, and rewarding because it goes into specific detail about exactly how our bodies work and why they work how they do. I am confident that you **ALL** have the ability to do well and master this content. I hold you to very high expectations, and I will be here to support you every step along the way. **Tutoring is always available after school**

Wednesdays and Thursdays, 2:15-3:15 (and Mondays/Fridays by appointment only). Ask for help as soon as you need it- do NOT let it wait until the last minute!

Classroom Essentials:

- ☞ Be punctual. Body and mind in your seat by the final bell, working diligently on the catalyst. Participate!
- ☞ Follow directions the first time they are given. Raise your hand and ask questions if the procedure is unclear.
- ☞ Proper technology use: Smart phones completely out of sight and out of mind during learning mode; on-task technology use when required by learning/practice activities.
 - Smart phones are very useful tools, but have a time and place for use. During learning mode (notes, discussions, experimentation), our classroom will not be that time or place. Period.
- ☞ Headphones and earbuds are completely away. These items are prohibited unless music privileges are earned *as an entire class*.
- ☞ Respect the professional environment. This means respecting everybody's time to learn and grow. Professional and scientific language all of the time.

Consequences:

NEGATIVE*

- Strike 1:
 - Redirecting warning
 - Change of seat conference
- Strike 2:
 - Hall conference
 - Detention **AND** call home
- Strike 3:
 - Time Out Referral
 - Office Referral

POSITIVE

- ☞ Happy teacher, happy students = Healthy learning environment
- ☞ Real learning, success, and accomplishment
- ☞ Hall conference
- ☞ Awesome Call Friday
- ☞ Positive emails or notes sent home
- ☞ Pow Wow with Mr. McBee
- ☞ Fun Fridays (after school activities)

**For extreme or repeated misbehavior... Mr. McBee reserves the right to move one rapidly up the consequence hierarchy. Let's keep a small issue a small issue!*

Cell Phone/iPod/Headphones/All Electronic Devices: Personal electronic devices are NOT to be used in the classroom *during learning mode*. They must be stored out of sight and out of mind. Use interferes with learning, classroom participation, and student engagement. In particular, if social media use or texting takes place, **you will not receive a warning!** If electronics are necessary for an in-class activity, Mr. McBee will check out a class set for use by every student and their use will be mandated with very specific instructions.

1st violation: Warning

2nd violation OR 1st Social media use: After school detention AND phone call home

3rd violation: Office referral

Essential Calls: All of that being said, Mr. McBee does understand that sometimes important phone calls from family or work are to be expected, especially with upper classmen. If this is the case, you must let me know *before class starts* so we can work something out. Otherwise, you will be subject to the electronics violations policy. If this becomes a regular thing, Mr. McBee will make a call home.

Homework: Although homework is not its own category in the grade book, ALL unit homework must be completed in order to reassess on a particular standard. Expect to study at least one or two hours outside of class for each unit exam. Students are also expected to complete Interactive Notebook outputs and Cornell Note summaries in addition to reading and writing assignments outside of class. Interactive Notebooks will be checked every unit and a few modules will be chosen at random for detailed grade check.

Absences: Pick up missed work/handouts from the absent file in K1 and it is *especially important* to view the course website and Google Drive when you miss notes for any reason. You do not need to notify Mr. McBee that you have picked up missing work, but **you must sign your missing work out using the sign out sheet**. You have the number of days that you were absent plus one to get work turned in. Once that time period has elapsed, it is subject to the normal half credit policy. It is your responsibility to get notes from a classmate or come to tutoring time for instruction on missed material. If you are absent on an exam date, you have **2 school days from your return to make alternate arrangements** with Mr. McBee. These arrangements can be made before/after class, before/after school, and only during independent work time in class.

Reassessment Opportunities: Performance Objective assessments MUST be retaken if scored incomplete (0), minimally (1), or partially proficient (2). Homework, study guides, and EOT pullout time is mandatory before something can be reassessed. If you are absent on assessment day, you have 48 hours to communicate and develop a plan on taking an assessment. **You are required** to complete reassessment process within 1 week of scores being released. The standard must be reassessed until the score has improved one full proficiency category.

Fieldtrips: Resources permitting, students who are passing with a C or better in physiology will be eligible to participate in the fun and exciting physiology fieldtrip! You must also be passing and in good standing in **ALL** of your other courses to be eligible to attend.

Lab Safety/Dissections: Students and parents MUST sign the AFHSD Lab Safety Contract (separate from this syllabus), and students MUST pass a lab safety quiz to participate in any labs. Lab privileges may be revoked if students cannot follow safety and rule guidelines. Abuse of laboratory equipment or physiology models will result in ejection from the lab or classroom and immediate Office Referral. Physiology models are very expensive! If intentional damage is inflicted (i.e graffiti, misuse, intentional breakage), the student is responsible for cost to repair or replace. This course will also feature 2-3 dissection projects. Dissection specimens are attained humanely and are extremely helpful in the learning of human anatomy and physiology, but are an earned privilege by the entire class' mastery of course performance objectives.

Sweep: Being tardy is not tolerated in the real world and will not be tolerated in K1. You will be marked as SWEEP TARDY if *you are not seated and working on the catalyst by the time Mr. McBee officially begins class with a greeting*. Note that these bells do not dismiss you.

Drinks/Food: Only water and electrolytes drinks (Gatorade) are allowed. It must be in a capped container or water bottle. Do not chew gum on dissection days. If you are caught placing gum under a desk, you will earn detention; repeat offenders will earn an office referral.

Restroom Policy: You have 5 minutes to pass from one class to another- you should also use this time for the restroom as well. If nature does happen to call during class, unless it is an extreme emergency, you may not go to the bathroom within the first 15 minutes and last 15 minutes of class (AFHS Policy) or if Mr. McBee or fellow classmate is presenting during lesson. Only ONE person may leave the room at a time. Before exiting, you *must* sign out of the class using the sign out/sign in sheet at the back of the classroom, take the class restroom pass, and then sign in upon returning. Failure to follow this procedure will result in one warning and then a complete loss of this privilege; if the privilege is revoked, you will only be sent to the nurse for restroom emergencies. While there is no "limit" to the number of times you may use the restroom, your parents/guardians will be notified if you are using the restroom excessively (4 times in a semester), if you are taking an excessive amount of time, and/or are signing out consistently at same time. This is not a social break- take care of nature's call and get back to class as soon as possible. Please understand that you *may* also be asked to leave your phone in a safe place when leaving the classroom.

Text & Email Alerts Opt-In: This course uses the Remind App to send short announcements and reminders. Although optional, it is highly-recommended, and you may opt out at any time after opting in. The service is available for SMS texting and email if you do not have a mobile device capable of receiving SMS messages. If you opt-in, your contact information will not be shared with Mr. McBee. Should an alert spark any questions, you can reach out to Mr. McBee using the chat feature in the Remind App (optional download) or via your preferred method of contact (contact information above). See handout for further details.

Remind 101 Class Code: @AFHSHAP

Seating Chart: Mr. McBee does not believe in the use of a seating chart in a cooperative learning course, but understands their value in certain situations. The creation of a seating chart depends on the choices made by each class period. If a seating chart is created, understand that it may change on a second-to-second basis.

Student Agreement

I _____, have read and understood the rules and expectations implemented by AFHS and by Mr. McBee. If I choose not to follow these expectations, I understand that I have chosen the appropriate consequences that follow. My Parent(s)/Guardian(s) have read these rules/actions with me and know what is expected of me in this course.

Student Signature: _____

Date: _____



Parent/Guardian Agreement

Please initial that you have read and understood the following:

_____ My son/daughter has **the number of days absent plus one** from the day they were absent to turn in missed work. For missed exams due to absence, my son/daughter has **2 school days to make alternate testing arrangements** or it will be graded as INCOMPLETE/NO EVIDENCE (0.0).

_____ If my son/daughter receives an incomplete (0.0), minimally (1.0), or partially proficient (2.0) on a standards-based assessment, **they will be required** to complete reassessment process within 1 week of scores being released. A standard **MUST** be reassessed until the score has improved one full proficiency category. **This is not optional.**

Parent/Guardian Name (Printed): _____

Signature: _____

Date: _____

Parent Email: _____

Updated Phone Numbers: Cell- _____

Home- _____

Other (please specify)- _____

Preferred Mode of Contact: Phone Email Remind 101 app

Best Time to Reach You: M T W Th F

Morning Afternoon Evening

Additional notes, comments, concerns, and/or questions: