**Honors Anatomy & Physiology Teacher: George Bischoff** George.bischoff@carteretk12.org

Website: <https://mrbischoffscience1921.weebly.com>

My email is fed directly to my cell phone, so response can be relatively quick, depending upon the hour of the request…I usually turn it off between c. 9pm and on c. 5am, so the question sent at 230am will not typically have an answer until later that morning. I will respond on weekends, but, when on the water, my phone is locked in a dry-box and is usually ignored during that time.

My telephone number is available upon request. All students (parents optional) should sign on to Remind, as this is how quick updates, many assignments, and general information will disseminate. School email, as well as my website, will see frequent use so the successful student will need to be vigilantly checking these on a regular basis (read this as “more than once daily”).

**Text:** options: hardcover books and/or open-source books, such that student success will not necessarily follow the same pathway for all students. Internet connectivity will be important for out-of-class work efforts.

Ancillary materials will be discussed in class.

**Course Description:** Honors Anatomy and Physiology is an elective course that involves the structure and function of the human body, including how the systems inter-relate, interact, adapt, and create a successful homeostatic balance. It is recommended that the student has already completed courses in Biology and Chemistry. Sharing of understanding will be of paramount importance in student participation.

**The value of taking a course on anatomy & physiology:**

* For personal satisfaction and the challenge!
* Because you love science!
* Because taking these may be getting a head start in your desired career in the health and fitness and medical sciences fields.

**Course Objectives:**

* Students will be able to demonstrate a basic organization of the body: structures, functions, relationships of bodily systems
* Students will be able to demonstrate a basic working knowledge of human anatomy and physiology
* Students will apply inquiry-based learning and problem-solving processes and skills in their scientific investigations
* Students will correctly apply medical terminology
* Students will recognize a variety of sports emergencies, such as heat/cold disorders, diabetic conditions, skin diseases, nutritional deviations, and contagious pathogens
* Students will leave this class with the ability to advance to a higher skill level and to research further questions regarding the human body

**Materials needed:**

* Notebook: I will be using a bound notebook (composition book style) and taping/stapling materials as we move along. It will be your choice to either do the same or keep a loose-leaf such that both class notes and handouts stay in correct order and maintain that integrity over the semester
* Pens: blue ink required. The instructor has read studies which indicate that taking notes/writing in blue ink specifically and significantly helped recall. This does work
* Other colored pens, highlighters, etc. to annotate notes…this helps greatly for clarity in details
* Other items as they arise.

**Leadership:** students will be expected to work together effectively in small groups for completion of their work; instructor observation of this will be reflected in some of the grading.

**Expectations**:

* Regular attendance. While this might seem obvious, there is usually someone who thinks that this is optional. All conversations on our topics are likely to generate some illumination for participants, so “being here” is a large part of progress.
* Work. Another obvious point. Due when expected, make-up work should also be timely. We will discuss in class, but do not ever think that class stopped because you were absent. Late work policy is on the webpage…be familiar; if unsure, ask first
* Readings should be complete prior to class, so that discussions and lab work can commence without wasted effort. You are insulting your classmates’ efforts if you do this.
* Group work does not mean one person does it all. I do watch and ask as I see groups work.
* Ask questions! (As per website) I am not clairvoyant…I do not want to be able to read your minds! Let me know if something is unclear. If it is something that requires us to have a discussion, email/text/call.

**Cheating and Plagiarism:** Remember the Consequences Contract. Plagiarism is an academic crime. If I catch someone cheating, district policy mandates zeroes and u’s for conduct for six week term.

**Make-up Work**: it is the student’s responsibility to contact the teacher before or after class to discuss any missed materials. It is preferred for this to take place prior to the absence if it is planned.

**Grading Policy:** grades will be calculated using a point system…total points earned/total points possible, and the district’s ten percent/grade scaling breakdown.

**Homework**: Mandatory. ***Overarching expectation, on all work of all types, is that students will do their best at all times!***

**Suggestions for success:**

* Focus in class—nothing beats paying attention to all
* All sciences are inherently vocabulary rich…know your language
* Read! Read! Read!
* Use all resources given
* Be organized

***Updated August 24, 2022***