**Human Anatomy & Physiology**

**12th grade**

**Mr. Jon Zumbro**

**Course Syllabus 2022-2023**

**Course Description and Objectives**

The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. Chemistry should be integrated throughout anatomy and not necessarily taught as a stand-alone unit. Whenever possible, careers related to medicine, research, health-care and modern medical technology should be emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e. real-life applications) should be emphasized.

Instructional Philosophy:

Students will master the Georgia Performance Standards for Human Anatomy and Physiology through hands-on activities, laboratory experiments and cooperative learning. Students will also use technology to complete various activities and assignments.

**Textbook**

Pearson *Human Anatomy & Physiology*

**Unit/Concept Names**

Unit 0: Think Like a Scientist Unit 3: Integration & Coordination

Unit 1: Introduction to the Human Body Unit 4: Transport, Absorption, & Excretion

Unit 2: Protection, Support, & Movement Unit 5: Human Life Cycle

**Major Course Projects and Instructional Activities**

At least one project will be assigned each semester. This will be an extension or enrichment of the concepts discussed. Students will have 1 to 3 weeks to complete each project depending on the complexity of the task. Some tasks and/or projects will be completed in class (specifically the unit culminating tasks – these MUST be completed in class only).

**Course Assessment Plan**

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days.

**Evaluation (Grading Policy)**

* Major Grades (Unit & Chapter Test, Projects, Tasks) - **40%**
* Minor Grades (Quizzes, Class work, Graded Writing Assignments, Group Work, etc.) - **60%**

The exam @ the end of each semester will make up 20% of the final grade!! (The major/minor grade average will make-up 80% of the final grade.)

**Classroom Procedures & Expectations**

The overarching expectation in this class is to represent WAR (W, Accountable, Respectful)

Below are the expectations for how to W.A.R. in Mr. Zumbro’s class!

1. Always Try YOUR BEST!!! I will not settle for anything but your best!!
2. Have the “I can do it” attitude! Stick To It and Don’t Give Up!
3. Remain SEATED and PREPARED at all times. Cellular Devices put away…
4. Bring ALL materials to class DAILY.
5. Every student is responsible for helping to maintain a clean, safe learning environment. Your area must remain CLEAN at all times. The floor should be clear of trash, paper, and personal belongings.
6. Adhere to all policies, rules, and regulations outlined in the student handbook, and RCSS Code of Conduct.

**Course Materials**

\* three-pronged binder for notebook w/ dividers

\* pen or pencil

\* coloring utensils (coloring pencils and/or markers)

\* paper (notebook)

\* textbook (bring to class everyday unless authorized differently)

\*\* lab supplies will be supplied by teacher!

**My contact information:**

Email: [–  **zumbrjo@boe.richmond.k12.ga.us**](mailto:–%20%20zumbrjo@boe.richmond.k12.ga.us)

Remind messages: Human A & P - [129hap](https://www.remind.com/classes/129hap/people)

**I have read the above class outline/syllabus for *Human A & P* and understand. If so, please sign and date in the appropriate space.**

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Student’s signature Date

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Parent’s signature Date