

**Caldwell High School**  
**Anatomy and Physiology**  
Course Syllabus

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**Classroom:** 219

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**Course Description:**

This rigorous college-preparatory science course includes a detailed study of many human body systems. The relationship between structure and function, and the interrelationships between body systems are a focus throughout the course.

We will focus on an **overview** of anatomy and **application** to physiological problems.

This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, or athletic training. Laboratory activities will include microscopic analysis of tissue specimens and Vernier computer labs on muscle function, cardiovascular response, lung capacities and neurological function.

Students will **ENGAGE** in classroom discussions, assignments, and laboratory activities that promote understanding of human body.

Students will **EXPLORE** how systems in our body function and relate to one another.

Students will **EMPOWER** each other to apply knowledge to new situations and in their community and profession of choice.

**Pre-requisite:**

Physical Science

Biology

**Textbook:**

Marieb, Elaine. *Essentials of Human Anatomy and Physiology*. 8<sup>th</sup> ed. Pearson. 2006.

**Materials:**

Composition notebook for daily assignments and labs, spiral notebook for notes, red correcting pen, yellow highlighter, personal pencil sharpener, and pencils.

**Objectives:**

1. Students will learn human anatomy and physiology concepts.
2. Students will actively participate in their learning.

3. Students will perform hands-on laboratory experiments of human physiology.

**Goals:**

1. Students will have outstanding attendance and be punctual.
2. Students will learn to be effective communicators, both written and verbal.
3. Students will create an understanding of how their body works.

**Policies and Procedures:**

**This classroom is a safe, positive, learning environment.**

It is expected that students will hold themselves and others to professional standards of respect, punctuality, participation and engagement, including the following:

1. Follow directions the first time they are given.
2. Respect your classroom, your space, and the space of others.
3. Remain attentive, engaged, and ready to learn.
4. Use positive and supportive language.
5. Use personal technology only when explicitly directed.
6. No food or drink allowed in class/lab
7. All assignments are due on the assigned date. Unless prior arrangements are made, **late work is not accepted**. If you miss a day of school, it is your responsibility to **submit make-up work within 3 days of absence**.

**Class-Specific Policies: to ensure that EVERYONE has the opportunity to learn**

1. Attention signal: When students see teacher raise one hand into the air and say “eyes on me”, they will finish conversations within 5 seconds, be silent, and make eye contact with the teacher.
2. Entering classroom: Students will quietly enter the classroom, get out notebook and a writing utensil, and begin the DO NOW activity.
3. Bathroom: Students receive 5 bathroom passes per semester. If a student wishes to use a pass, he/she will wait until individual work time unless emergency, produce planner for teacher signature, and promptly return to classroom within 5 minutes.
4. Exiting classroom: Students will stay in their seats and avoid packing up until exit tickets are complete and dismissed by teacher.
5. Using materials: Students will use materials only when directed and in the manner demonstrated. **Improper use of lab materials or behavior that jeopardizes the safety of others may result in immediate dismissal from the lab environment and a 0 for the lab.**

## Teacher Redirections for Student Conduct (given in stepwise manner)

1. Verbal warning
2. Second warning—lose daily participation points.
3. Student behavior reflection—student will complete the behavior reflection form, have it signed by a parent, and turn it in the next day.
4. Detention
5. Office referral

### **Grading:**

- See weighted percentages below. These are the approximate categorical percentages of the total points possible each semester. **Total semester grade will be based on a running total of points you earn.** For example: (total quarter 1 points earned) + (total quarter 2 points earned) / (total points possible) = Grade%
- You should expect weekly quizzes over topics covered as well as Unit exams approximately every 3 weeks.
- Vernier labs will involve group work and are spaced throughout the curriculum.
- You should expect daily homework and a daily (5 point) participation grade based on completion of the DO NOW activity, Exit Ticket, and engagement in class discussions.
- If you miss a day, **participation grades can be made-up** by submitting a 2 paragraph (4-8 sentences) news article reflection describing (in your own words) how the content of the article relates to a topic we have covered in class. This article must be turned in within 3 days of absence. Make up of labs and tests are done by appointment and after school only.
  
- Exams and quizzes – 40%
- Vernier Labs – 30%
- Projects, Homework, Participation– 30%

### District Grading Scale

- A – 90% and above
- B – 80%-89%
- C – 70%-79%
- D – 60%-69%
- F – 59% or below

### **Additional Instruction:**

Students in need of tutoring or extra help are welcome to schedule a time to meet with the teacher. Otherwise, help will be available for students before school beginning at 7:30 AM each day unless otherwise noted. Additional times may be scheduled for after school hours.

Syllabus—Student Agreement

I have read the syllabus for \_\_\_\_\_ and agree to abide by the classroom policies and procedures. I understand that this is a safe classroom environment, and I will be respectful of other students and the teacher.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parents: Please read the syllabus and contact me with any questions. Your signature below ensures that your student receives credit for this assignment. Thank You!

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_