

Anatomy & Physiology 1 – John Van de Zilver  
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## **INTRODUCTION**

Welcome to your child’s Human Anatomy & Physiology 1 class at CRHS. This course is a second-level course in biology designed for those students who anticipate a career in health-related fields, a career in biological sciences, or for those who merely wish to further their knowledge of human form and function. The total anatomy and general physiology of the major organ systems and basic biochemistry are illustrated through laboratory, demonstration and lecture work. This course builds on skills learned in CP Biology and CP Chemistry. Students who elect to take this course should have successfully completed both of those CP level core courses.

## **Grades & Grading**

Your child will receive a letter grade based on the percentage of points earned out of total points possible. You will earn points for: tests, quizzes, homework, & notebooks (current events). Tests will be given at the end of each chapter or unit and are based on the notes, text, and accompanying worksheets. Quizzes will be given about once a week and can be on anything we do in class or for homework. In computation of the marking period grade, the lowest quiz will not be counted. Homework will be assigned daily, and expected to be turned in at the beginning of class on the due date given for the assignment. Notebooks will be graded at least 3 times a marking period. The notebook will include 5 current events a marking period on anything medically relevant. In computing the marking period grade, the lowest homework assignment will be dropped. In determining the semester’s final grade, the marking periods count 45% each and a **cumulative** final exam counts 10%.

Marking Period Grades will be calculated as follows:

|   |     |
|---|-----|
| Major Assessments (Tests, Projects, etc.)     | 40% |
| Minor Assessments (Quizzes, Notebooks, etc.)  | 30% |
| Daily Assessments (Homework, Classwork, etc.) | 30% |

----- Totaling 100

## **Textbook**

Principles of Anatomy & Physiology (Tenth Edition)

## **Required Materials**

1. Science textbook – **Must always be covered.** Do not store your papers and/or pens in your textbooks – This breaks the book and will result in a fine.
2. Lab Notebook (LNB) – This will consist of notebook paper, a 3-ring binder that will contain all papers for this course. All papers will be organized in order by chapter and date: agendas, worksheets, quizzes, study guides, homework, and labs. All papers must be 3-hole punched. **These will be checked and graded on test days.**
3. Writing utensils – A pen or pencil must be brought to class every day.

## **Syllabus**

### Units

Medical Terminology

An Introduction to the Human Body

The Chemical Level of Organization

The Cellular Level of Organization

The Reproductive Systems

Development and Inheritance

The Skeletal System: The Axial Skeleton

The Skeletal System: The Appendicular Skeleton

The Skeletal System: Bone Tissue

Joints

\* Subject to change