

CENTRAL HIGH SCHOOL  
Human Anatomy and Physiology  
Mrs. Nikki Shifflet

**COURSE SYLLABUS**

**Course Description:**

The course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. Dissection of a cat and other appropriate organs will compliment course work. This course is designed for college preparation, especially for biology and health career majors. (Level 1 course)

**Prerequisites:**

- A grade of "A" or "B" in Biology I and completion of Inorganic Chemistry are required.

**Lab Fee- 2 semesters**

**Course Objectives:**

- Upon the successful completion of this course, students will be able to:  
Discuss, demonstrate, and/or illustrate the principles of anatomy and physiology (and all related to) the human body, basic chemistry, cells, tissues, membranes, and body systems

**Required Class Materials:**

- Textbook
- Writing Utensils
- Notebook
- Folder
- Calculator
- Colored Pencils

**Text:** The Essentials of Human Anatomy and Physiology 6th ed., Marieb

**Course Outline:**

Chapter 1: The Human Body: An Orientation  
Chapter 2: Basic Chemistry  
Chapter 3: Cells and Tissues  
Chapter 4: Skin and Body Membranes  
Chapter 5: The Skeletal System  
Chapter 6: The Muscular System  
Chapter 7: The Nervous System  
Chapter 8: Special Senses

Chapter 9: The Endocrine System  
Chapter 10: Blood  
Chapter 11: The Cardiovascular System  
Chapter 12: The Lymphatic/Immune  
Chapter 13: The Respiratory System  
Chapter 14: The Digestive System  
Chapter 15: The Urinary System  
Chapter 16: The Reproductive System

**Major Assignments:**

- Lab Reports-As labs are completed
- Dissection of Cat-End of 2<sup>nd</sup> semester  
\*This list is tentative and is subject to additions/changes.

### Grading Scale:

A: 92-100%

B: 91-85%

C: 84-77%

D: 76-70%

F: 69-0%

\* Homework, lab reports, quizzes, etc will count for 45% of your grade.

\* Tests will count for 55% of your grade.

### Class Policies & Procedures:

- **Quizzes/Tests:** The student will be responsible for any and all information read in the text, presented during class, explored in labs/activities, and viewed in graphics/videos. \*Quizzes over reading in the text may be unannounced. Always be prepared!
- **Semester Assessment:** Semester exams for the course will be administered. Each exam will count for 15% of each semester grade.
- **Homework:** Each topic explored will have assignments that are to be completed by the student. Students are required to complete all work assigned by the due dates. All work is due at the beginning of the class period or when specified by the teacher. **If it is not turned in at that time it is considered late and will follow the late policy.**
- **LATE POLICY:** You have until 8:15 a.m. of the following calendar day to turn in assignments for 75% of the available points. After 8:15 am, it will no longer be accepted for credit and a grade of 0 will be given. Late assignments can be turned in to me directly or to my mailbox in the office.
- **Absences:**
  - **Unexcused absences:** Any assignments due on a day when a student has an unexcused absence will be given the grade of 0.
  - **Excused absences:** Students will have two **days** per day absent in order to make up homework missed. If not made up in the allotted time, it is late and will follow the previously mentioned late policy. **This goes for tests, quizzes, labs, homework, etc.**  
\*The instructor reserves the right to allow students extended time due to special circumstances (extended illness, death in family, major project that cannot be completed at home, etc.) Students must have conference with the instructor in order to be granted an extension.
  - **5 or more absences:** (medical, pre-approved absences for school related activities, DOS, and ISS--not included) in this class over the course of the semester will receive 0's for all homework and projects due beyond the 5<sup>th</sup> absence as outlined in the student handbook.
- **Extra Credit:** There is **NO** extra credit given in this course unless it is a direct assignment given by the instructor to the entire class.
- **Miscellaneous:**
  - If your work does not have your name on it and/or is illegible it makes it hard to grade. This may result in a zero.
  - Cheating in **ANY** form will not be tolerated. Action will be taken according to the handbook.

### Instructor Contact:

Mrs. Nikki Shifflet can be reached by the following:

- Telephone:(815) 694-2321
  - Please leave a message with office personnel (name, student's name, reason for calling, best time to call, and phone number)
  - Email: [nshifflet@cusd4.org](mailto:nshifflet@cusd4.org)

