

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
- 3 Ring Binder

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 2nd 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 50% of your grade.
* Tests will count for 50% 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 5th 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