

Zama High School

Human Anatomy and Physiology Syllabus

Course Name and Number: Anatomy & Physiology SCB601

Course Description: Major Concepts/Content: Human Anatomy & Physiology is an elective course for students with a special interest in an in-depth study of normal human body forms and functions. Information is presented using an integrated approach, incorporating advanced topics with science as inquiry, science and technology, science and social perspectives, and the history and nature of science. The course integrates biology and chemistry using the unifying concepts and processes of systems, order and organization, evidence, models and explanation, change, consistency, equilibrium, and form of function, scientific inquiry and understanding about scientific inquiry are emphasized through practical and meaningful investigations. The topics which students investigate include: the muscles, the nervous, digestive, respiratory, circulatory, excretory, endocrine, and reproductive systems, and genetics.

Text: Essentials of Human Anatomy & Physiology 7th edition Marieb ISBN 0-8053-0012-0

Philosophy: As a teacher, I need to facilitate learning by providing a stimulating environment for interaction and discussion. Students should feel comfortable asking questions, relating interests and making decisions. I offer a curriculum that balances the student's need to be challenged and successful in their education. At all times, students will be actively engaged in learning through hands on activities, problem solving, and class discussions. Students are given appropriate choices that expand their minds, encourage creativity, and incorporate diversity in thought.

Materials:)

Color pencils

Composition notebook

Grading Policy: (DoDEA Grading Scale)

90-100= A

80-89 = B

70-79 = C

60-69 = D

59 or below = F

Class Grading Policy:

Assessments 40%

Labs 25%

Homework 20%

Quizzes/Research 15%

Assessment: All students are expected to demonstrate their comprehension of the course work. Multiple assessment methods include individual and group performance, projects, reports, student-generated works, and conventional testing. For assessments, material will come from the textbook, lecture notes and labs. Tests will be a combination of diagrams, short answer, and objective (multiple choice, matching, true/false, etc.)

Homework: Homework is a necessary part of the Anatomy & Physiology program if students are to be successful. Assignments will be given, collected, and graded as needed. All assignments will have a deadline for completion that must be met by students.

Late Work Policy: Late work is to be turned in accompanied by an excused absence. In other circumstances, students should make prior arrangements as early as possible. Tests and exams must be made up as soon as possible from the date of your return.

Tutoring: Students can arrange to receive assistance during seminar, before school, and after school.

Classroom Management:

- *All rules and policies as stated in the school handbook will be in effect in the classroom.
- *All laboratory safety rules will be followed.
- *All students should be in their assigned seats and ready to work when the tardy bell rings.
- *Bring all materials to class on a daily basis. This includes your notebook which will be checked on a random basis.
- *Students are expected to demonstrate behavior that is safe and acceptable in the classroom.
- *Students should treat others and their possessions with respect at all times.
- *Unacceptable behavior will result in student-teacher conferences, parent notification, and/or parent conferences.
- *Extreme cases will be sent to the office.

Consequences:

- *First Violation - Verbal Warning
- *Second Violation - Student-Teacher Conference
- *Third Violation - Parental Notification and/or Conference
- *Fourth Violation- Detention
- *Fifth Violation- Office Referral

Additional Information: Students are required to participate in lab safety training and sign a safety contract before participating in laboratory procedures. **(may vary if necessary)**

Content Outlines and Standards: www.dodea.edu

I have received, reviewed and agree to the terms of this Human Anatomy & Physiology syllabus for SY' 2012-2013.

Student signature: _____

Parent signature: _____

Home phone number: _____

Work phone number: _____

Parent E-mail address: _____

Student E-mail address: _____