

Duke Ellington School of the Arts
Modern Human Physiology

2009- 2010

Instructor: Mr. James D. Bennett
Phone Number - 282.0123
Room 208
Home Phone - 202.526.4406
email jamesbennett1948@gmail.com

Course Description — The Modern Human Physiology course is designed to increase students' knowledge about the structure and function of the human body. The course examines how major body systems interact to promote health and well-being as well as causes of some human diseases and abnormalities. Laboratory exercises, oral and written presentations, group assignments, construction of models, class discussions, guest speakers, audio-visual presentations, and field trips are incorporated to make Modern Human Physiology a meaningful and enduring experience. Examinations will be given at mid-advisory and at the end of advisories. The year end examination will cover information from the four advisories. Quizzes will be announced and given periodically .
Carnegie Unit: 1

Objectives

Upon completion of anatomy and physiology, students will be able to:

- * Distinguish among the branches of biological sciences and related fields
- * Describe chemical reactions that occur in humans
- * Describe the function and structure of human systems
- * Apply knowledge from anatomy and physiology to practical situations
- * Identify equipment in science research and how it is used
- * Design and construct models of science concepts
- * Gather, interpret and display data
- * Develop a science project

Requirements

- * Punctuality and daily attendance
- * Assignments completed and turned in on the due date (**No Exceptions**)
- * Four book essays that are science related. (**typed and double spaced**) Book essays are due by the end of advisories 1,2,3. The fourth book essay is due on or before June 5, 2010.
- * Two science article summaries are due each month beginning with September and ending in of May. (**heading single spaced, body double spaced**)

Format for article summaries - Heading - Upper left corner of the paper - source, title, author, date, page number; upper right corner - your name, subject, date, period.

Text - Hole's Essentials of Human Anatomy and Physiology - Shier, Butler and Lewis

Materials — subject notebook, laboratory notebook, pens - at least three, pencils - at least three, magic markers or colored pencils, metric ruler, calculator

Grading Percentages

Mid-advisory Examinations - 20%
Quizzes -5%
Lab Reports -15%
Special Assignments -15%
Homework - 15%
Classwork - 5%
Advisory and Final Examinations - 25%