### ANATOMY & PHYSIOLOGY LINKSSaint Mary High School

**ANATOMY AND PHYSIOLOGY**

**Instructor: Abraham Lopez, D.C., M.S.H.A.P.I. Room #:** **Rm. 200 Year: 2014-2015**

**E-Mail:** alopez@stmaryhs.org

**Textbook Used**: Martini, F., *Fundamentals of Anatomy and Physiology*, 4th Edition, Benjamin Cunnings, 2009.

**Supplementary Texts or Special Materials:** 1 inch 3 ringed notebook, paper, colored pencils, glue sticks, highlighters, pencils, pens, black and white composition notebook, 1 bottle of hand sanitizer, 2 rolls of paper towels, 1 box of disposable gloves.

Bring materials and textbook to class everyday.

**Course Description**: This is a one year anatomy and physiology course, split into 2 semester periods. The course will cover microanatomy (cell anatomy) to gross anatomy and simple principles of functional anatomy and biomechanics. This course is also a lab-based course that integrates the study of the structures and functions of the human body.

**Course Outline and Content:**

First Semester Second Semester

The Human Body: An Orientation Nervous System

Basic Biochemistry Special Senses

Cells and Tissues Endocrine System

Skin and Body Membranes Cardiovascular System

Skeletal System Respiratory System

Muscular System Digestive System

Reproduction & Pregnancy

**Student Achievement Targets:**

Students will master the following areas:

1. Complex process skills- setting up/designing labs, writing (labs and essay), and group cooperation in a lab setting.
2. Content/ Declarative Knowledge: simple - recall facts: location of body regions, names of body organs/parts and location
3. Content/Declarative Knowledge: complex – concepts: physiology of body systems/organs, analysis/comparisons of body systems, how systems work together.
4. Reasoning proficiency – will use content understanding to reason and solve problems. Reasoning will include critical thinking, analyzing data, comparing.
5. Ability to create products – will create tangible products such as completed lab books, content related visuals, research brochure on diseases.

## Grading

### Each marking period will include 3-4 tests/exams announced at least 5 days in advanced. Daily work may include class work, homework, quizzes, activities, and participation. Quizzes will be given at the end of each section and could be announced or unannounced (pop quiz).

***Major Projects*** --research projects may be assigned throughout the year.

Each project will include a handout of details, expectations, and grading.

1. Semester examination--the semester exam in this class is cumulative in
2. content is 100 questions.

**Break down – 40% Test/major projects**

**25% Labs/minimal projects**

**20% Quizzes**

**10% Homework /class work**

**5% Participation**

**Grade scale:**

**96%-100% - A+**

**94%-97% - A**

**90%-93% - A-**

**87%-89% - B+**

**83%-86% - B**

**80%-82% - B-**

**77%-79% - C+**

**73%-76% - C**

**70%-72% - C-**

**60%- and below - F**

**Attendance Policy**

It is important to attend class and participate in class discussions and activities. Please make sure you follow the Saint Mary’s attendance policy in order to earn credit for the course. **(Student/parent handbook )**

**Tardy Policy**

You must be in class before the bell rings. There will be consequences enforced for all tardiness: 1st Tardy = verbal warning, 2nd Tardy = parent contact, 3rd tardy = 30 mn detention, 4th tardy = office referral, 5th + tardy = administrative action

**Assignment/Make Up Policy**

* + **I AM NOT INCLINED TO ACCEPT LATE WORK**. However, I do understand that emergency situations may prevent a student from turning in an assignment on time. In these emergency situations, a student may submit a daily assignment no more than 1 day late. An assignment turned in one day late may not receive credit higher than a 70%. An assignment turned in two days late may not receive credit higher than a 50. On the third day, the assignment will no longer be accepted. For major assignments, students have ample time to complete and no late work will be accepted. If there are extinuating circumstances, the student must speak to me privately and I will discuss with him/her on a one to one basis.
  + **MISSED ASSIGNMENTS ARE YOUR RESPONSIBILITY**! If you have an excused absence that keeps you from either turning in an assignment or receiving instructions for an assignment, it is your duty to talk to me about the assignment as soon as you return. You may also email.
  + **MAKE UP WORK** is designated for students who have excused absences. If you are absent and it is excused, you must speak to me about any make up work *the day you return*. **You will have only as many days as you were out to submit the assigned work.**  I am available during tutoring hours to discuss assignments missed. Please see me privately to discuss your assignments. Otherwise, there will be no opportunity to make up assignments not turned in on time.

**Plagiarism/Cheating**

Please read carefully and sign, along with your parents, the attached consent form regarding academic integrity. Plagiarism and/or cheating will not be tolerated. There are severe consequences for those involved with academic dishonesty. **(p. 17)**

**Blogs**

All students will have the ability to check assignments, test dates, and projects to be done during the week in my blog.

I AM HERE TO HELP YOU AND BE SUCCESSFUL IN THIS CLASS! LET US HAVE A BLESSED AND GREAT YEAR! LET US HAVE FUN.

SAINT MARY!!!!

Pray for us!