

Mission Valley ROP

Syllabus for Anatomy and Physiology for health professions, 2009-10, Irvington High School

Course Title	Anatomy and Physiology for Health Professions
Section Number	524121 (THZP)
Instructor:	Dr. Dhana Uppula
Room Number:	Room # 95 at Irvington High School
Classroom Telephone Number:	(510) 656- 5711 Ext. 46507 at Irvington High
E-mail:	duppula@mvrop.org/duppula@gmail.com
Class Hours:	7:30 AM – 8:23 AM Mon, Tue & Fri and 8:05-9:40AM on Wed at Irvington High
Resources:	Anatomy Physiology for Health Professions An Interactive Journey (Paperback) by Bruce J. Colbert (Author), Jeff Ankney (Author).2006 ISBN # 13-151268-4
Units of Credit:	10 Credit Units
Prerequisites:	Freshmen Biology
Course Objectives:	To give fundamental concepts of Anatomy and Physiology with application in health industry.

Course Description

This is a college preparatory course offered to juniors and seniors interested in health professions. This rigorous course allows students to: 1) Gain a strong foundation in anatomy and physiology that is needed for any health care profession and 2) complete their pre-requisite in U.C credit elective requirement if they wish to further their education in college in health sciences and medical technology. Classroom instruction includes study of body systems in detail in the health care point of view as well as basic medical terminology. The students obtain depth of concepts of anatomy and physiology that allows them to handle college level courses with reasonable comfort.

Course Purpose

The students taking this course will be able to:

Demonstrate the mechanics of homeostasis through learning the structure and the functions of body systems in depth and applying the concepts in a clinical setting.

Demonstrate an understanding of energy, matter and organization through experimentation, critical thinking, and problem solving and group projects.

Demonstrate an understanding of human development and growth through various projects by applying the learned concepts. The course is composed of three main concepts of Homeostasis, Energy and Growth and Development. These concepts are covered under the respective body systems.

Lectures and lab activities are based on the objectives mentioned to achieve the ability of the students to demonstrate the skills gained. Each objective is linked to the state and national adopted standards.

Materials Required

- Pencils/ erasers
- Blue or black pen
- Highlighter and markers
- Binder paper
- 3x5 flash cards

Each student will need a one-inch, three-ring binder and five sheet protectors for his/her student portfolio project, which will commence at the beginning of the second semester. The portfolio will include a resume, completed job application, one outstanding work sample/project, and a certificate of completion for every student earning a grade of "C" or better.

Grading Policy:

Grades are based on assignments, quizzes, tests, reports, group activities, class participation, and final exam.

97.5% - 110.0%	: A+
89.5% - 97.4%	: A
79.5% - 89.4%	: B
69.5% -79.4%	: C
59.5% - 69.4%	: D
0.0% - 59.4%	: F

* Quarter grades carry on to next quarter; I do not average two quarters to give a semester grade

* Each semester will be worth 500 pts, giving 1000 pts per year. With extra credit, you can get up 50 pts per semester, consequently 100 pts per year.

Extra Credit

Extra credit is given for extra assignments such as research papers from your choice of interest. Please come and talk to me about what you want to do.

Points can be derived from the following categories:

- 25% Hands on activities/ lab work
- 25% Tests and quizzes
- 25% Research papers and projects
- 15% In-Class Assignments and warm-ups
- 10% Attendance, participation and behavior
- 10% Extra Credit

* Test answers will be discussed in class; students will not be allowed to take them home.

Late Assignments

There is a penalty up to 50% deduction in points for late assignments. Sickness with a doctor's note would enable you to make up an assignment. You need to take work from instructor prior, if you are going out of town for more than 3 days.

Honor Code

Students are expected to do their class work/ home work/ lab work on their own and not copy from someone else. Plagiarism is copying of any kind without citing the author of the work. Cheating and plagiarism will receive a zero credit and the student will be referred to the administration for suspension.

Absences

- It is very important that you are there in class everyday. Being on time everyday is the most important work ethic in health industry, which shows that you are reliable, dependable, and accountable.
- It is the responsibility of the **student**, not the teacher, to schedule a make-up exam within one week of a student's return.

*Make up assignments will be given for excused absences only, which include medical, legal or bereavement circumstances. Failure to complete make up assignments will adversely affect your grade. If you are tardy or miss a Mission Valley ROP class multiple times, you will lose units of credit and your grade will be adversely affected. **Be advised that credits are earned by attendance only and cannot be made up.***

Norms of Behavior/ Work Ethics

- Courtesy and respect to others
- Undivided attention during lectures
- Assignments completed daily
- Speaking only when called upon
- Being prepared for class every day
- Having necessary supplies ready
- Being on-time to class every day (tardies will be dealt as per home school policy)
- Not disturbing the class in any way
- Observe honor code

Safety Precautions

- Students should not engage in any dangerous behavior.
- Students should always follow OSHA guidelines.
- Students will be charged for broken equipment or borrowed and lost text book.

Text Book Return Policy:

**You must return the home copy of the text book on the instructor given date failing which you will not receive your final grade and your status will be held as incomplete.*

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I have read, understood, and agreed to the above course outline and rules:

Student Name: _____ Subject: _____ School: _____

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____