

Mission Valley ROP
Anatomy and Physiology for Medical Careers
2018-2019 Syllabus/August - January class (1st Term)

Course Title:	Anatomy and Physiology for Medical Careers
Instructor:	Mrs. Brucker, RN, GCNS, GNP, MS
Class Hours:	Monday – Friday (2 nd block schedule/JFKHS schedule)
Room Number:	MVROP Main Campus Rm. 221 510/657-1865 ext. 15221 (cell) 925/366-8172
E-Mail:	ibrucker@mvrop.org
Textbook:	<u>Anatomy Physiology for Health Professions</u> <u>An Interactive Journey</u> (paperback), Colbert, Bruce, J., & Ankney, Jeff, 2011. ISBN # 13-151268-4 (new textbook + educational DVD to be used throughout class)
Units:	10 credits
Prerequisites:	Freshman Biology (recommended)
Course Objective:	To provide fundamental concepts of Anatomy & Physiology with application in the Health Care Industry.

Course Description

This is a college preparatory course offered to 9th-12th graders interested in health professions. This rigorous course (1) allows students to gain a strong foundation in Anatomy and Physiology that is needed for any health care profession, (2) counts as a UC/CSU Area “g” College Preparatory Elective class, and (3) offers the opportunity to earn 4.0 college credits from Ohlone College if the student wishes to further their education in college in Health Sciences and Medical Technology. The student must have an (84%=B) grade in order to earn the credits from Ohlone College. Classroom instruction includes study of body systems in detail incorporating the health care point of view as well as basic medical terminology. The student obtains 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, 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: *homeostasis, energy, and growth & 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.

Required Class Materials

- **TEXTBOOK/DVD (if in textbook)**
- Pencils(#2)/erasers
- Blue/black pen
- Colored pencils
- Binder AND binder paper/chapter dividers (Ch. 1-18, Abbreviations/Terms, System Project and Portfolio=21 dividers)
- (One) packet of 3/5 index cards (TBD)
- A 1-inch binder OR pocketed folder/8-10 sheet protectors for Portfolio project. (The Portfolio project begins throughout the class and will be completed at the end of the class.)
 - The Portfolio binder will have the following materials: cover letter, resume, reference list, 3 reference letters, completed job application, thank you letter, resignation letter, (one work sample/project), MVROP Certificate of Completion and additional material available in portfolio handout.

Grading Categories (will be passed in and reviewed in class per ALL areas)

25 % Class participation, homework/assignments, attendance, binder check, professionalism work ethics/timeliness/group activities

25 % Portfolio, lab, presentations/project(s), Flash cards

50 % Quizzes, tests, midterm, Computer lab/ final exam

100% Total

Grading Scale

All of the above mentioned categories related to the grade policy are according to the following grade system:

A+ = 97-100%	B+ = 87-89%	C+ = 77-79%	D+ = 67-69%	F < 60%
A = 94-96%	B = 84-86%	C = 74-76%	D = 64-66%	
A- = 90-93%	B- = 80-83%	C- = 70-73%	D- = 60-63%	

The student must have an (84%) grade in order to earn the Ohlone College credits.

Quarter grades carry over to the end of the semester and your final grade. Instructor does not average the two term grades.

One project assignment occurs during the 3rd quarter. It is a system research, 5-10 minute oral presentation, on the topic addressed in the presentation. The topic/system/diseases must be reviewed and accepted by the instructor.

Chapter assignments/computer activities will be completed with review in class and students are advised to keep them in chapter order in the class binder (binder check) to prepare for the midterm and final exam. Tests are returned to the student in class for review and then handed back to the instructor at the end of review in class. Student may keep all other materials.

ASSIGNMENTS are posted on GOOGLE CLASSROOM and must be reviewed by students DAILY.

Late Assignments

If assignments are not turned in on the due date, the student automatically receives a 'zero' grade. Sickness with a doctor's note would enable the student to make up the assignment. If you are going out of town for 3 or more days, it will be discussed with your parent and home school regarding the extended absence and missed assignments.

Absences

It is vital that you are in class every day!! Participating, being in class, and arriving on time everyday are some of the MOST IMPORTANT WORK ETHIC components in the Health Care Industry. Being reliable, dependable, accountable and a respectful person shows that you *ARE* a positive working professional in the Health Care Industry.

Your PARENT must call MVROP (instructor's classroom phone) if you are absent from the A&P class at MVROP. Your home school does NOT notify MVROP regarding attendance. A NOTE must accompany you back to class related to the absence.

The teacher & student will schedule a make-up exam when the student returns to class. This class moves along very fast so make-up is recommended ASAP (within the week returned to class) for the student in order to stay current with the course work.

Make-up assignments will be given for excused absences only. Such absences include medical, legal or bereavement and school required attendance activities/with a signed permission form from the A&P instructor via MVROP approval. Failure to complete make-up assignments will definitely affect students' grade.

If the student is tardy (without parent call/note/or slip from your home school) OR you miss the A&P class (without parent call/note) more than "2" times in the semester, the student's grade will be affected.

Honor Code

Students are expected to do their OWN work in class unless a group assignment is scheduled. Students are also expected to do their OWN class work, homework and lab work independently AND not copy from someone else. Cheating and plagiarism will receive a zero grade, a student/parent conference will be scheduled and a MVROP contract will be administered if instructor assesses the situation to be warranted of implementing one or dismissal from the class.

Work Ethics

- Be on time to class...every day...you will feel accomplished and achieve self-pride!
- Respect one another and the instructor at all times by being courteous and responsible in class.
- **NO FOOD or EATING IN the CLASS/HALLWAY or LOBBY.** There is a Student Lunge where students are permitted to eat BEFORE CLASS.
- Water bottles, gator aid drink, and clear bottles are accepted.
- Be attentive and participate during class lectures/discussions.
- **ALL Health Science classes at MVROP have a strict NO CELL PHONE policy in CLASS (unless instructed to use in class). NO CELL PHONES USED IN CLASS ALL to be discussed with H.S. use in class!!! HIPAA rulings are applied with CELL PHONES and any ELECTRONICS!!**
- Complete class assignments as assigned.
- Be prepared for class with necessary materials in order to be successful.
- Have necessary supplies ready for class in order to be prepared.
- Respect and observe the honor code (mentioned above).
- Enjoy this class...you made the choice to be in the A&P class so do your best by listening, learning and being a proud health care professional!

Safety Precautions

- Student should not participate in any dangerous behavior. Follow instructor's instructions for ANY and ALL labs or group activities.
- Student should always follow OSHA guidelines.
- Student will be charged for broken or not returned equipment and for lost textbooks.

Exposure to Cleaning Supplies/Chemicals:

In this program, students are required to use cleaning supplies to maintain equipment, just as they would in a real job setting. Complete safety and proper use of cleaning supplies will be required of students. There will be an exam at the end of the program, which a student must pass with a _____grade. Instructor will demonstrate how to clean areas in the classroom, put gloves on and off and wash hands, correctly.

Textbook Return Policy

You MUST RETURN the TEXTBOOK/ DVD to the instructor on the assigned date at the end of the term. If the student loses a BOOK or DVD, it will have to be REPLACED through the MVROP business office. If you do not return the book, you will not receive your final grade or Certificate of Completion and the instructor will follow your home school policy as related to graduation/grades

Anatomy and Physiology for Medical Careers Course Syllabus 2018-2019

Mrs. Brucker, RN, MS
NA Program Director/Instructor
A&P for Medical Careers Instructor

Anatomy & Physiology for Medical Careers Class Expectations

*(15-point assignment)

Must be signed and returned to instructor by _____ in order to receive 15 points!!

Student

I have read and understand the material listed in the Anatomy and Physiology for Medical Careers course syllabus. I agree to come to class on time, be prepared, abide by the rules and policies of the course and be courteous and respectful in order to have a positive learning environment for myself and my classmates.

Student Name: _____
(Print)

Student E-mail Address: _____

(Student Signature) (Date)

Parent

I have read and understand the material listed in the A&P Syllabus and have discussed it with my son/daughter as related to the Anatomy and Physiology for Medical Careers course. I will ensure that my son/daughter will abide by the rules and policies in order to have a positive learning environment and have every opportunity to succeed in the course.

Name of Parent _____
(Print)

E-Mail Address of Parent _____

Contact Phone Number: _____

(Parent Signature) (Date)