

Mission Valley ROP
Anatomy and Physiology for Medical Careers
2021-2022 Syllabus/August - January class (1st Term)

Course Title: Anatomy and Physiology for Medical Careers

Section Number: 524121

Instructor: Mrs. Brucker, RN, GCNS, GNP, MS

Class Hours: Monday – Friday (2nd 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: Anatomy, Physiology, and Disease: An Interactive Journey for Health Professionals Textbook (hardback)

(CTE package)

ISBN 9780134677293

Units: 10 credit units

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 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 and 2+2 at Ohlone College if they wish to further their education in college for health sciences and medical technology. The student must have an (84%=B) grade in order to receive the U.C. and Ohlone units. 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**

*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)

*unannounced/announced binder check)

*One 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/2nd term. 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 Policy/ Points will be passed in and review in class per ALL areas

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

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

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

TOTAL. 100%

Grade System

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%
A = 93-96%	B = 83-86%	C = 73-76%	D = 63-66%
A- = 90-92%	B- = 80-82%	C- = 70-72%	D- = 60-62%

The student must have an (84%) grade in order to receive the U.C. and Ohlone units.

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 1st/2nd term and it must be 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 completed with review in class and student advised to keep in chapter order in class binder (binder check) to prepare for the midterm and final exam. Tests are returned to student in class for review and then handed back to instructor at the end of review in class. Student may keep all other materials.

ASSIGNMENTS will be posted on GOOGLE CLASSROOM and must be reviewed by student DAILY

Late Assignments

If assignments are not turned in on 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 going out of town for 3 or more days, to be discussed with parent and home school regarding extended absence and assignments.

Absences

It is vital that you are in class everyday!! Participating and being in class, 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 (note from parent of excused absence) and school required attendance activities/with signed permission form A&P instructor via MVROP approval. Failure to complete make-up assignments will definitely affect students' grade.

If you 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 then the student may lose units of credit and the student's grade will be affected. Credits are earned by attendance only and cannot be made up!

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.

COVID/HEALTH REQUIREMENTS:

- All Mission Valley ROP students are required to wear a mask or face covering while inside any classroom or building on the MVROP campus. A mask will be provided if there is a need.
- All students should conduct a daily self-assessment for any signs or symptoms of illness.
- Students should stay home from school and school activities if they have any symptoms of an illness such as a fever, a cough, a sore throat or headache.
- Students should not return to school after an illness until they have been symptom free without medication for 24 hours.

Work Ethics

- Be on time to class...every day...you will feel accomplished and achieve self-pride!
- Respect one another and instructor at all times by being courteous and responsible in class.
- NO FOOD or EATING IN CLASS/HALLWAY or LOBBY. There is a Student Lounge where students are permitted to eat BEFORE CLASS.
- Water bottles, gator aid drink, clear bottles.
- 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 equipment or borrowed (and not returned) or lost textbook.

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. Students are required to review a KSS Integrated Pest Management information, developed by Keenan Safe Schools, as part of the career training for this program. Complete safety and proper use of cleaning supplies will be required of students.. Instructor will demonstrate how to clean areas in the classroom, put gloves on and off and wash hands, correctly. All of this is in response to Keenan Safe Schools program and infection control.

Textbook Return Policy

You MUST RETURN the TEXTBOOK to the instructor on assigned date at the end of the term. If student loses a BOOK 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 2021-2022(1st term)

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 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's 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 the parent _____
(print)

E-Mail address of parent _____

Contact phone number: _____

(Parent signature) (Date)