



HUMAN ANATOMY & PHYSIOLOGY

DVUSD Pathways

Barry Goldwater High School

INSTRUCTOR:

Mr. Jason Prey

B.A. Biology: University of Colorado @ Boulder

M.A. Curriculum and Instruction:

Colorado Christian University

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Website: [Prey, Jason - DVUSD Pathways](#)

TEXTS & MATERIALS:

OpenStax Textbook: [Human Anatomy & Physiology](#)

Canvas Learning Management System

COURSE DESCRIPTION:

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts.

Structure and function of the major systems of the body.

Prerequisite: Biology

COURSE COMPETENCIES:

1. Describe principles of scientific method.
2. Describe the structural organization of the body.
3. Describe homeostasis and homeostatic control mechanisms.
4. Describe specific chemistry concepts of the body.
5. Describe the structure and function of the integumentary system and body membranes.
6. Describe the structure and function of the skeletal system and joints.
7. Describe the structure and function of the muscular system.
8. Describe the structure and function of the nervous system.
9. Describe the structure and function of the endocrine system.
10. Describe the structure and function of the cardiovascular system.
11. Describe the structure and function of the lymphatic system and immunity.
12. Describe the structure and function of the respiratory system.
13. Describe the structure and function of the digestive system.
14. Describe the structure and function of the urinary system.
15. Describe the structure and function of the reproductive system.

ACADEMIC SUCCESS:

1. Students are expected to make reasonable and steady academic progress. This means students must maintain a minimum of 55% in the gradebook each week. Students agree to have their learning tools (ex: school issued technology, charger, pen or pencil) with them during class every day.
2. Cell phones will be stored in a backpack during class and may only be used during our short breaks.
3. Assignments are due at the time and date stated in Canvas.
 - a. Class time will be given to complete assignments and demonstrate mastery of concepts, so there is no homework.
 - b. To better understand important concepts however, students may wish to review material outside of class times.
4. Some assignments will be submitted on paper and some digitally.
5. No late or missing coursework will be accepted after Thursday of Week 3.
6. There are no "early" exams. No credit will be awarded to students who fail to attend on the final assessment day.

GRADING & EVALUATION:

1. Students begin each Pathways session with 0% in the grade book. Grades are determined by attendance, classroom participation, and a variety of academic activities to demonstrate mastery of content. Students who discontinue enrollment prior to the last day of enrollment or are withdrawn may receive a WP, WD, or F on their transcript.
2. Students will be evaluated based on the following:

Assessments	75%
Labs & Classwork	25%
3. The following scale will be used to determine your grade. We do round up (i.e. 89.5% = A):
90 - 100% = A 80 - 89% = B 70 - 79% = C 60 - 69% = D 0 - 59% = F

ATTENDANCE:

1. Attendance is a critical component of academic success. Students are expected to be in their seats by 12:00 pm.
2. Students are provided two absences per enrollment period. Students who accrue a 3rd absence may be withdrawn from the program.
A student may file an Appeal of Withdraw should a 3rd absence be accrued in a class. An absence is a “No Show” or a tardy greater than 10 minutes from the class start time.

CLASSROOM EXPECTATIONS:

1. Each student agrees to create a positive learning environment free from distractions. DVUSD dress code expectations apply to DVUSD Pathways.
2. Classroom technology is for the sole purpose of learning within the guidelines of the classroom content and teacher direction. Students using technology for non-academic purposes will be considered off task and a misuse of technology. Misuse of electronic devices may result in removal from the program.

CLASSROOM SAFETY:

1. The use of derogatory comments and profanity (verbal or written) is prohibited. Food and drink, other than bottled water, are not allowed in the classroom.
2. Student personal items that distract from the learning environment are to be secured in a backpack (ex: cell phones, handheld gaming systems, etc.). DVUSD Pathways is a drug/smoke/vape/weapon free campus. This extends to campus parking lots, streets and sidewalks. Please note: Once class begins, students are required to remain in the building until class dismissal. Students who leave the building during scheduled class times or provide access to non-Pathways students may be removed from the program.

POWER SCHOOL ONLINE ACCESS:

Grades and attendance may be accessed 24 hours a day via PowerSchools: <https://ps.dvusd.org/public/home.html>

ACADEMIC MISCONDUCT:

Academic Misconduct includes cheating, conspiring to cheat, soliciting to cheat, attempting to cheat, plagiarism, fabrication on an assignment, or other forms of dishonest presentation. Plagiarism includes, but is not limited to, the use of paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling or sharing of term papers or other academic materials. Information gathered from the Internet and not properly identified is also considered plagiarism. We expect every student to produce his/her original, independent work. Any student whose work indicates academic misconduct will earn a “0” on the assignment.

LABORATORY BREAKAGE POLICY: In the event a student breaks or damages any laboratory materials, computers, etc., that student will be responsible for paying the replacement cost for each item. Students are taught proper procedures and laboratory etiquette to ensure the safety of our students during lab activities. This policy helps hold students accountable for their actions and reinforces careful laboratory procedures. A passing semester grade cannot be earned until all materials are returned & debts are paid.

PERSONAL NOTE:

Congratulations on your decision to take Human Anatomy & Physiology! Topics such as diseases, cadavers, dissections, surgeries, organ transplants, and many other sensitive and sometimes graphic topics will be discussed and seen in lectures, slides, videos, guest speakers and/or labs. I am sure at times you will find the topics challenging, exciting, frightening, depressing, and yes, even sometimes gross! As a result, you must handle yourself in an appropriate manner. We are very fortunate to have extensive equipment, dissections, and technological resources to aid your learning. Therefore you must be able to:

1. Follow all safety guidelines explained by in assignments and by the instructor.
2. Dissect specimens accurately and humanely & work cooperatively with your classmates.
3. Properly handle and take care of all microscopes, slides, equipment, the lab area, computers, etc.
4. Pay for any lab equipment or materials you break/misuse. The cost will be determined by what it takes to replace the item.

THIS SYLLABUS IS SUBJECT TO MODIFICATION AS DETERMINED BY THE INSTRUCTOR

I have read and understand the syllabus for anatomy and physiology. I know the syllabus is subject to modification as determined by the instructor.

Student Name PRINTED

STUDENT SIGNATURE

Date

Parent/Guardian Name PRINTED

PARENT/GUARDIAN SIGNATURE

Date