

MVLA  
2019-20

COURSE INFORMATION SHEET

**Course Title:** Anatomy & Physiology (CC4025)

**School:** MVHS

**UC/CSU requirement:** Yes

**Textbook and/or other learning resources:**

Home reference: Anatomy & Physiology (Openstax). Betts & Young. 2013. [openstax.org/details/anatomy-and-physiology](https://openstax.org/details/anatomy-and-physiology)

Classroom reference: The Human Body in Health & Disease, 7th Edition. Patton & Thibodeau. 2018.

Supplemental resource: Anatomy & Physiology Student Workbook, 2nd Edition. Biozone.

**Student Learning Outcomes:**

Anatomy & Physiology is a life-science course that covers the science of how our body works. Physiology is the study of the functions of the parts of the body. Anatomy is the study of the structure of parts of the body.

We will use research, dissections, labs, activities, surgical videos, and several unit-long projects alongside typical class instruction in order to review body structures and functions. There is an emphasis on safety in this course as we regularly use hazardous lab equipment and dissect specimens.

Throughout the course we will utilize critical thinking skills to explore the fields of anatomy and physiology and their relevance toward disease prevention, wellness, and the modern day health industry. Content that will be covered in this course includes:

- Introduction to Anatomy and Physiology
- Cells, Tissues, and Systems Intro
- Integumentary System
- Skeletal and Muscular System
- Nervous and Endocrine System
- Circulatory System
- Respiratory System
- Digestive System
- Lymphatic/Immune System
- Urinary/Excretory System
- Reproductive system

In addition to mastery of the content listed above, students will continue to practice academic behaviors necessary for success in future academic courses. Together, we will hone our research, writing, and presenting skills within the context of science. We will develop a mindset towards learning; challenge is a good thing and how we grow as learners. Lastly, we are all in this together; supporting each other as we work individually, collaborating as we work in pairs and bringing out the best in each other as we work in teams in discussions, lab experiments and other projects.

**Assessment and Grading (BP 5121 / AR 5121):** To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

**1. Grading categories and their percentage weights:**

Work Habits – 10%      Classwork – 45%      Summative Assessments – 45%

**2. Achievement evidence collected within each grading category:**

Work habits: This includes homework & classwork graded solely on completion, organization, and notebooks.

Classwork: This includes quizzes, assessed classwork, lab work & reports, lab practicals, short projects, etc.

Summative Assessments: This includes unit exams, **your final exam**, & major summative projects. The final exam may include a short cumulative section, but primarily functions as an exam for the last unit of the semester. On average, there is a major overarching project every other unit; students will be informed of which projects are classified as *Summative Assessments* or *Classwork*.

**3. Grading scales:**

A: 89.50-100%    B: 79.50-89.49%    C: 69.50-79.49%    D: 59.50-69.49%    F: 50-59.49%

**4. Homework/outside of class practices (AR 6154):**

Nightly homework could include reading, taking notes, worksheets, lab reports, researching topics and articles, watching videos online, extended work on projects, and/or reviewing for quizzes/tests.

Group work in homework and class: While students often work collaboratively on collecting data and other activities, students are required to complete their own assignments individually unless explicitly stated by the teacher. Individual work means demonstrating your own thought processes, graphing your own data, using your own words, and citing sources. If you're unsure if you can have the same work as another group member: *ASK*.

**5. Excused absence make up practices (Education Code 48205(b)):**

The amount of time students will be provided to make up assignments missed due to excused absence(s) will be equal to the amount of days missed. Anatomy and Physiology builds on previous lessons, and it is difficult to experience a high level of success if you do not complete missed work. Assignments and announcements are regularly posted in class and on Google Classroom. Please check these resources when absent if possible.

If you have missed a large period of time due to an extended illness or other excused emergencies, it is your responsibility to contact your instructor to establish deadlines and make-ups for work you have missed.

**6. Academic integrity violation practices (MVHS Academic Integrity Policy):**

Students will be held to a high standard of academic integrity and school academic integrity policies will be adhered to. The Board expects that students will not commit acts of academic dishonesty. Any work completed with unauthorized aid will be considered a violation of policy. *By all means discuss things with partners, but your writing must be in your own words.* Check with your teacher if you are unsure or unclear about expectations.

**7. Late work practices:**

Do your best to complete all work on time. Late assignments will never earn more than 80% credit on late assignments without a pass. Late work must be submitted by the end of the unit, or if assigned at the end of the unit, within 2 weeks of the due date. After that, students must follow practices under #9 to submit assignments.

**8. Revision practices:**

Each unit test and quiz can be revised for half credit on missed problems **up to a maximum score of 80%**. Students must follow the standard revision format provided in class and it must be done inside Ms Nguyen's class, during office hours, or during the hours of a resource class. Revisions must be handwritten on the provided forms, and submitted to Ms Nguyen within 2 weeks of the return date for tests or quizzes.

Up to 3 classwork assignments may be revised for full credit using a late work pass, unless specified by the teacher, if used 1 week before the end of the quarter for that given assignment. *Quizzes, presentations, group work, and major projects are non-revisable.*

You will be given assignments that will provide you the opportunity to earn back some exam points. These are predetermined, set assignments made available to the whole class and will amount to no more than 10% of points from formal unit exams per semester (not quizzes). *These opportunities are embedded in the curriculum for the purpose of revision and modeled after local college practices, with the understanding that learning styles vary among students.*

**9. Additional grading practices:**

Each student will receive 3 classwork passes per semester. Late or revised classwork with a pass stapled to it will receive full assessed credit. Work must be submitted within the quarter it is due, but must be turned in by Friday prior to the last week of the quarter. These classwork passes exclude work in the test category, quizzes, group work, and projects. Classwork passes may also be used for "tap out" days that do not involve exams, quizzes, labs, or group project work days. Use of these passes will be explained further in class.

If you have a school-identified, legal accommodation that requires modification of course policies, please notify Ms. Nguyen immediately.

**Instructor's email addresses:** [ann.nguyen@mvla.net](mailto:ann.nguyen@mvla.net)

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