

Body Systems and Disorders  
Course Syllabus

Valencia High School - Room 707  
Mr. Monteleone  
661-294-1188 x707  
[Jmonteleone@hartdistrict.org](mailto:Jmonteleone@hartdistrict.org)  
Period 2 and 3

Course overview:

This course focuses on human anatomy and physiology, normal function of body systems, associated pathologies, and medical interventions. Emphasis is on providing students with a thorough understanding of body systems and their interrelationships. The course includes advanced medical terminology as applied to diseases, disorders, and medical interventions.

The Body Systems & Disorders Online Course is a year-long course designed to facilitate learning and comprehension of the structure and function of each body system as well as the common diseases. Also integrated into the course is medical terminology which will facilitate learning and comprehension of the basic terms and abbreviations used within the medical field.

- Grade: 10
- Course credit: 10 Practical Arts for the whole year
- Prerequisite: Must be enrolled in or have completed Biology

Course content:

- I. **CLASSROOM BASICS AND CPR CERTIFICATION**
- II. **DIRECTIONAL TERMS, PLANES, REGIONS, AND QUADRANTS**
- III. **CELL PHYSIOLOGY and DISEASE**
- IV. **THE IMMUNE SYSTEM**
- V. **MUSCULOSKELETAL SYSTEM**
- VI. **CARDIOVASCULAR**
- VII. **RESPIRATORY SYSTEM**
- VIII. **NERVOUS SYSTEM**
- IX. **GASTROINTESTINAL SYSTEM**
- X. **ENDOCRINE SYSTEM**
- XI. **INTEGUMENTARY SYSTEM**
- XII. **EYE AND EAR**
- XIII. **HEALTH MAINTENANCE**
- XIV. **MENTAL HEALTH DISEASES AND DISORDERS**

Students will be able to:

Know the structure and function of each body system, as well as common diseases. Understand the relationships between the body systems and organs, and how they relate to other body systems (i.e. the circulatory system working with the respiratory system). The student will have a basic knowledge of common medical terminology used in today's medical facilities.

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**Textbook -**

1. Intro to Med Terms - Stanhope & Turnbull
2. The Human Disease - Neighbors & Tannehill-Jones
3. Manual of Structural Kinesiology 19th ed. Floyd
4. Miscellaneous handouts from instructor

**COURSE REQUIREMENTS:**

**Materials Needed for Class Daily:**

Pen/Pencil, Notebook Paper (no spiral notebook paper), and 3 ring binder.

All exams will be multiple-choice, true/false, fill in the blank, and short answer.

-Weekly quizzes

-An in-depth writing assignment per system

-Written portfolio of each body system

-Project on two disorders

-Weekly writing assignments focused on evaluating a system and integrating current topics

-Final portfolio project

-The teacher will use project-based instruction, classroom discussion, lecture, and group work

**Grading:**

30% Formative “minor” grades (homework, readings, quizzes, in-class assignments, group work, folder check, etc.)

70% Summative “major” grades (chapter tests, abstract project, notebook grades, etc.)

Final Examination: The final exam will be comprehensive and is calculated as 1/7 of the final grade for the semester.

**Academic Integrity:**

-The MSA code of academic integrity is designed to ensure that the principle of academic honesty is upheld. Any of the following acts, when committed by a student, constitutes academic dishonesty:

-CHEATING: intentionally using or attempting to use unauthorized materials, information, or study aids in an academic exercise.

-FABRICATION: intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

-FACILITATING ACADEMIC DISHONESTY: intentionally or knowingly helping or attempting to help another to violate any provision of this code.

-PLAGIARISM: intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

The Honor Pledge is a statement Medical Science Academy students should be asked to write by hand and sign on examinations, papers, or other academic assignments. The Pledge reads:

I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/examination.

**Distance Learning Etiquette**

- ***Google Classroom and the JBL Navigate platform will be used as our online classroom. You are expected to check both at least once each school day for newly posted information/assignments.***
- ***Zoom will be the primary method of delivery for online instruction.***
- ***Show up to class on time.***

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- **Make sure you sign into Zoom with your VHS school email address, so we can see your first and last name on your screen.**
- **Be dressed appropriately according to school dress code policy.**
- **Your webcam should remain on with your face visible during the entirety of the class period unless otherwise stated by the instructor.**
- **Remain muted unless called upon to speak.**
- **Please have paper and pen/pencil available during class.**
- **Do not be working on other things while in class.**
- **The use of Reactions and Responses should only be used when requested to do so.**
- **The chat room should only be used for topics related to the class.**
- **Be aware of your surroundings. Remember everyone can see what is behind you.**
- **If you choose to use a virtual background, it must be appropriate and not distracting to others.**
- **Please stay in one spot during class, moving around can be distracting to others.**
- **To the best of your ability, please be in an environment that is free from distractions.**
- **Do not be laying down during class.**
- **Do not record any video instruction without teacher permission. (Education Code 51512)**

**Failure to follow the above guidelines can result in disciplinary action. Including the removal from the Zoom session and being marked absent for class.**

**Description of Assignment, Exams, and Grading Policy:** The final grade will be based upon completion of chapters, chapter tests, and final exam. Letter grades will be assigned on the following scale: A =90-100%, B =80-89%, C =70-79%, D =60-69%, F =59% or lower.

**Any grade below 60% will receive a failing grade.**

The grade will be based on the total points of all assignments, papers, employability/leadership skills quizzes, and tests.

**Late Work/Make up Work:** students are allowed to turn in late assignments for half credit. It is your responsibility to get your makeup work from the teacher. The teacher should be notified IN ADVANCE of any school activity absence.

Discipline plan and class rules

- “ Be in your seat and ready to work when the bell rings.
- “ Bring needed materials.
- “ Respect and be polite to all people.
- “ Respect all property.
- “ No eating or drinking in class. **(NO GUM CHEWING)**
- “ All school rules and policies are enforced.
- “ No cell phones
- “ No musical devices

Consequences – If the rules are broken, the following steps will be taken.

1<sup>st</sup> offense – verbal warning

2<sup>nd</sup> offense – detention

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3<sup>rd</sup> offense – detention and call to parent

4<sup>th</sup> offense – parent and assistant principal

5<sup>th</sup> offense – referral to the Opportunity Room

**Attendance**

Your attendance is important and is directly related to your success in this class. You need to be in class every day unless you have an excused absence.

Feel free to call me at any time if you have any questions or concerns. I can be reached at 294-1188 ext. 707 and E-Mail:

**Jmonteleone@hartdistrict.org**

I am looking forward to an exciting and successful year!

Monte,

Valencia High School  
Director of Sports Medicine  
Valencia High School  
Room 707

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**Student Contract**

**Body Systems and Disorders**

**Mr. Monteleone**

**Room 707**

Hours required for this class  
Work-Based Learning - 30  
Community Service - 10

Honors Hours - 60

**Please sign and return**

**Student:**

I have received a copy of the course syllabus. I agree to abide by all of the standards, requirements, and classroom rules. I promise to complete my assignments on time.

\_\_\_\_\_  
Student: Print Name

\_\_\_\_\_  
Student: Signature

\_\_\_\_\_  
Date

**Parent:**

I have read and discussed this syllabus with my student. My student and I are aware of the expectations of this course. I give my student permission to participate in all activities and discussions related to this course.

\_\_\_\_\_  
Parent: Print Name

\_\_\_\_\_  
Parent: Signature

\_\_\_\_\_  
Date