

# Anatomy/Anatomy Honors Syllabus

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**McGraw- Hill Site:** <http://connect.mheducation.com/class/m-zarate-anatphys>

TEXT: Hole's Essentials of Anatomy and Physiology 12th ed.; Shier, Butler, Lewis (2015) \$66.00

DESCRIPTION: This course is designed to prepare students going into the medical field. Anatomy deals with the structure of the human body and physiology explains the function and interdependency of the parts of the body. This course is designed to help students learn the structure and inter-relationships of the human body.

## GOALS:

*Based on Nebraska Science Standards (<https://www.education.ne.gov/science/#>), students will:*

SC.HSP.6.2 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the integumentary system.

SC.HSP.6.3 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the skeletal system.

SC.HSP.6.4 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the muscular system.

SC.HSP.6.5 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the nervous system.

SC.HSP.6.6 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the cardiovascular/respiratory system.

SC.HSP.6.7 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the digestive system.

SC.HSP.6.8 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the urinary system.

SC.HSP.6.9 Gather, analyze, and communicate evidence of the relationship between structures and physiological processes of the reproductive system.

SC.HSP.17 Gather, analyze, and communicate evidence of the connection between health science careers and engineering.

## SUGGESTED REQUIREMENTS:

- \* Three ring binder with notebook paper and dividers.
- \* Colored pencils
- \* Access to Internet
- \* Computer paper and printer
- \* Safety glasses-optional

## EXPECTATIONS:

- \* Come to class prepared for the day.
- \* Follow all safety rules and procedures. ALL MANDATORY PPE MUST BE WORN!
- \* Show respect for school policies, rules, each other and the teacher.
- \* Work together cooperatively in your group.
- \* Make good use of your study time....avoid procrastination.
- \* Do your best every day; strive to achieve your full potential.
- \* Actively participate in class and labs every day.
- \* No candy, gum, drinks, or food in class.
- \* NO BACKPACKS WILL BE ALLOWED AT/ON DESKS. (This is a safety hazard)
- \* Cell phones will be kept in backpacks or in front of the classroom unless being used as part of a lesson.
- \* NO electronic devices (such as earbuds, smartwatches, etc...) will be allowed during class, tests or labs.
- \* Complete all classroom and laboratory assignments on time. Assignments are due at the START of class the day they are due. Papers not turned in at the due date/time will be considered late and receive 0 credit. Students that fail to turn in work on time will be expected to stay after school THAT DAY or come early THE NEXT MORNING to complete late assignments to receive 50% credit. Late work turned in after 24 hours will receive a maximum of 40% credit. If parental contact must be made, a maximum of 35% will be given.
- \* Students are responsible for all missed work, notes, and assignments, due to illness or any other absence.
- \* Work/Tests missed because of absences that are pre-excused or due to school activities needs to be turned in/taken **before** you are gone. Failure to turn in work/take tests will result in it being considered late.
- \* Class work may consist of lecture notes, daily or vocabulary quizzes, labs, exams, discussions, or combinations of these.
- \* Unannounced quizzes CANNOT be made-up.
- \* Daily quizzes/questions must be completed during class or as assigned. If you are absent, please refer to the absence policy below.

## **Cheating/Plagiarism**

Cheating or plagiarism will not be tolerated. Each student is responsible for doing his or her work. Students who violate this policy will be subject to receiving a **zero** for the assignment or test, quiz, or examination etc, and will face additional disciplinary action. Students who continue to cheat or plagiarize may be subject to further discipline. Use of AI generated material is NOT allowed and will be considered cheating.

Please follow the guidelines and definitions as written in the Student Code of Conduct.

## **Attendance:**

It is very important to maintain steady attendance; many of the concepts discussed will be building blocks for concepts discussed later. Please refer to your student handbook for the attendance policy. 1 tardy = 1/2 hour detention. If this detention is missed the amount of time will double. After detention being missed for the second time the student will be referred to administration and possible ISS.

## **EVALUATION:**

**Students will be evaluated based on your performance on:**

**Quarter (45%) + Quarter (45%) + Sem Final (10%)= 100% Semester**

**Quarter grades are calculated by:**

**tests and quizzes - 50%**

**labs and projects 35%**

**daily practice - 15%**

**It is recommended that Honors students maintain an 85 (B) percent average or above. Students with a grade of 84%(C) or below will not receive honors points and may be reassigned to another class/section.**

## **Class Participation/Discipline:**

Class work/practice may consist of lecture notes, daily or vocabulary quizzes, labs, exams, discussions, or combinations of these. Students may receive points each day for meeting the expectations of the course. If students do not meet the expectations of the class, they can lose points and/or receive detention. If students are absent, they lose all points for that day's practice/expectations until the student has made up all the work done in class that day. Students that fail to bring a computer to class will still be expected to participate in class and lectures. Students are expected to follow school guidelines and rules. Failure to do so may result in detention or referral to office for further discipline. Please refer to your Student Handbook for detentions and guidelines.

## Labs:

Students must participate in all labs. If students feel they cannot perform a lab, they should talk to the teacher so the teacher can plan an alternative lab. Students receive points for participating in a lab, which is counted as a lab grade. Students are expected to follow all safety rules as outlined in the safety contract and according to lab procedures. Violations of safety procedures may result in loss of points, dismissal from the lab with 0 points, detention, or dismissal from class.

## PROJECTS:(not limited to)

- \* Various Essays - Honors requirements
- \* Research Presentation and Research Papers - Honors requirements
- \* Cat dissection and report

## GRADES:

Grades will be based on the LHS grade scale.

## IF YOU ARE ABSENT:

### **GENERAL ABSENCES: Illness or other unplanned absence**

*Get a General Absence Form and follow the directions:*

1. All labs must be made up (WITHIN 2 DAYS due to loss of materials) before or after school. (No exceptions!)
2. Come in before or after school to ask the teacher what you have missed.
3. If you miss a TEST, it is the STUDENT'S responsibility to arrange to make up the test. TESTS must be made up in **2 days**.  
**Tests missed due to activities/pre-excused must be taken prior to their absence. FAILURE TO DO SO WILL RESULT IN A LOSS OF 10% FROM TEST SCORE FOR EACH DAY AFTER THE TEST IS GIVEN!**
4. It is the student's responsibility to turn in all make-up work as soon as possible. (follow the 2 days rule- 2 days to make up the work for each day of absence.)
5. Turn in any assignment that was due for the day(s) absent. Failure to do so will result in a '0' for the assignment after which a maximum of 50% is achievable. Students that fail to make up or arrange a time for daily quizzes within 2 days of returning will not be given the opportunity to do so after the time limit.

6. If the student has a pre-excused absence (other than activities), they need to ask for the assignments in advance and hand assignments in before leaving. Failure to do so will result in the student receiving a '0' for the assignment, after which a maximum of 50% is achievable.

**Extra-curricular activities absences:**

**All absences that are due to activities, athletics, competitions, etc... must be cleared at least 24 hours prior to the absence. Students need to complete the Activities Absence Form at least 24 hours prior to the absence. All work due prior to their absence MUST be turned in before departure to receive full credit. Failure to turn in work will result in the student receiving a '0' for the assignment until the assignment is finished, after which a maximum of 50% is achievable. Students who fail to have an absence cleared prior to being gone will be held after school, the next day. Contact with coaches will be made to inform them that the student will miss/be late to practice.**

## **ACCOUNTABILITY**

By Signing this paper the student agrees to be held accountable for all the expectations and rules set forth in this syllabus for Mr. Zarate's Anatomy and Physiology class. Violations of rules will result in disciplinary action as outlined in the Student Handbook and Student Code of Conduct.

Student(print/sign)\_\_\_\_\_Date\_\_\_\_\_

Parent (print/sign)\_\_\_\_\_Date\_\_\_\_\_

Failure to return this does not preclude the student from the responsibilities, guidelines, and rules set forth.

**ANATOMY COURSE OUTLINE-** This is a general outline of what we will cover. I will be adding to the course as we progress through the semester. All information will be available on the class website.

**Chapter 1-Body planes**

**Chapter 2-Body Chemistry**

**Chapter 5-Tissues**

**Chapter 6-Skin**

-----END OF FIRST QUARTER-----

**Chapter 7/8-Skeletal System**

**Chapter 9-Joints**

**Chapter 10-Muscular System**

-----END OF SEMESTER-----

**Chapter 11-Physiology of Muscles**

**Chapter 17-Blood**

**Chapter 18 -Cardiovascular**

**Chapter 25-Digestive System**

-----END OF THIRD QUARTER-----

**Chapter 19-Physiology of Cardiovascular System**

**Chapter 13-Central Nervous System**

**Cat Dissection Report**

**Senses**