

HUMAN ANATOMY AND PHYSIOLOGY- 2013-14

Mr. Post (Anatomy) & Mr. Aboulafia (Honors Anatomy)

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Please use email to contact us. It is the best way to ensure that you get a timely response.

Textbook: Essentials of Human Anatomy and Physiology; Pearson

Cost of replacement: \$152

Course Description: This is an introductory course in human anatomy and physiology. This course will develop your understanding regarding the structure and function of the human body. It is a science selective and it is strongly suggested the student has a considerable and profound interest in the study of the systems of the human body.

Topics of Study: Please note that the time spent on each chapter may vary.

1. Organization of the Human Body	Chap. 1	1 week
2. Cells and Tissues	Chap. 3	2 weeks
3. Integumentary System	Chap. 4	2 weeks
4. Skeletal System	Chap. 5	5 weeks
5. Nervous System	Chap. 7	2 weeks
6. Sensations	Chap. 8	2 weeks
7. Endocrine System	Chap. 9	2 weeks
8. Urinary System	Chap. 15	2 weeks
9. Muscular System	Chap. 6	3 weeks
10. Digestive system	Chap. 14	4 weeks
11. Reproductive System	Chap. 16	3 weeks
12. Blood	Chap. 10	2 weeks
13. Cardiovascular system	Chap. 11	4 weeks
14. Lymphatic & Respiratory Systems	Chap. 12-13	2 weeks

SAP1. Students will analyze anatomical structures in relationship to their physiological functions.

- Apply correct terminology when explaining the orientation of body parts and regions.
- Investigate the interdependence of the various body systems to each other and to the body as a whole.
- Explain the role of homeostasis and its mechanisms as these relate to the body as a whole and predict the consequences of the failure to maintain homeostasis.
- Relate cellular metabolism and transport to homeostasis and cellular reproduction.
- Describe how structure and function are related in terms of cell and tissue types.

SAP2. Students will analyze the interdependence of the integumentary, skeletal, and muscular systems as these relate to the protection, support and movement of the human body.

Opportunities designed to allow students to recover from a low or failing cumulative grade will be allowed when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements including attendance. Students should contact the teacher concerning recovery opportunities. Teachers are expected to establish a reasonable time period for recovery work to be completed during the semester. All recovery work must be directly related to course objectives and must be completed school days prior to the end of the semester. Teachers will determine when and how students with extenuating circumstances may improve their grades.

Northview Recovery Procedure

Students must contact the teacher concerning recovery opportunities at the time his/her grade falls below 74. Recovery work must be completed within ten school days prior to the end of the semester. The nature and type of recovery assignment is given at the discretion of the teacher.

Honor Code: As explained in the student handbook, cheating is defined as "the giving or receiving, in any form, information relating to a gradable experience." Violations of the honor code will result in a zero for the assignment, plus an honor code violation form placed in the student's disciplinary file. Read the handbook carefully to fully understand what constitutes a violation.

Home Access Center: All parents may access student grades at any time using Home Access Center. Please visit the school web site www.northviewhigh.com and go to parent information to register for Home Access Center. A few days after you register you may come by the school office to receive your password and begin accessing student grades and attendance.

Classroom Guidelines:

1.

When the tardy bell rings you should be in the classroom and in your seat so that roll can be taken. Tardy guidelines are in the student handbook.

Please bring your textbook, notebook, and something to write with to class every day.

No food or drink will be allowed in the classroom.

Please do your best to keep the classroom neat and orderly. This includes proper lab cleanup, clearing your desktop, and putting chairs back.

If you have a question or want to give an answer, please raise your hand. It is considered unacceptable behavior to talk while the teacher is talking or giving instructions without being recognized by the teacher.

Tests will be announced well in advanced of the date given. Therefore, an absence the day before a test does not excuse you from that test unless you miss new material or are involved in special circumstances to be determined by the teacher.

Any makeup work will be discussed on an individual basis. It is the responsibility of the student to initiate makeup requests.

Extra help is always available and will be discussed on an individual basis. Please ask for help!

Every student in the classroom is entitled to a safe and respectful environment. This will be adhered to without exception on a daily basis.