

Human Anatomy & Physiology

Mrs. Young's Syllabus & Class Information

Welcome to my class! The following contains information about expectations to provide, promote and protect the learning opportunities for each student in class.

Materials needed:

1. Book for class: Structure and Function of the Body by Thibodeau and Patton, 12th edition, copyright 2004, published by Mosby, an affiliate of Elsevier. ISBN# is 978-0-323-02242-2 (soft cover) and 978-0-323-02241-5 (hard cover). This is the book currently used by Black Hawk College for the nursing class with which our curriculum is now aligned. You are encouraged to buy one of your own if you intend to pursue education and a career in a health care field.
2. Good quality 3-ring binder - 1 1/2 to 2 inches for storing handouts. Must have the clear plastic covering to hold cover art, syllabus and spine label. Pocket folders and/or divider tabs are your choice, but suggested.
3. 3-ring pencil pouch containing a set of 12 colored pencils - mandatory
4. Loose-leaf notebook paper (70 pages) or a single subject spiral in your binder.
5. Good writing instruments.

Make-Up Work:

1. If you are absent from class, make-up work is due according to school policy.
2. The best ways to find out what you missed during an absence:
 - *Ask a classmate or check my web page (which is hopefully going to happen!)
 - *Find out from Mrs. Young before school starts on the day of your return
 - *Look at the whiteboard agenda as soon as you arrive for class
 - *During extended absences, contact me by email for work
 - *If you know you will be gone, collect assignments before your absence
3. Late work is a habit to be avoided and will be dealt with accordingly:
 - a. Received within 24 hours of the due date = 10% deduction (1 day late)
 - b. Received 24 to 48 hours of the original due date = 30% deduction (2 days late)
 - c. No credit after 2 days will be given - you're big kids now and know you should get your work done!

Grading: See the school handbook for grade percentages. Your grade, in accordance with those standards will be based upon five "weighted" folders (extra credit is not part of the curriculum):

5% = **AW** assigned work (class work, homework, etc.)

35% = **L**ab work, projects and extended tasks or activities

10% = **Q**uizzes

50% = **T**ests

Grades will be posted to the Internet, and will be updated regularly. Students will have approximately 2-3 graded assignments weekly. Check your grade often on Skyward and notify me of specific discrepancies. Grades will not be posted in the classroom, nor will they be given in class.

Things to look forward to:

- *Body diagrams pretest and posttest – you'll probably laugh
- *Walking trip to HHH imaging department?
- *Designing your binder cover art and personal connection between you and anatomy class
- *Fresh tissues - hearts, lungs, stomachs, esophagi, pharyngi, laryngi, tongues, aortas, etc.
- *"Learn and Share" research projects to answer your own questions about topics quarterly
- *Tissue microscopy
- *Much microscopy and drawing opportunities
- *Any other cool opportunities arising

Tentative Agendas and Description: Human Anatomy & Physiology is a 2-semester elective science class worth 1 credit each semester. For enrollment, students are required to have previously passed 2 semesters of biology and completion of, or concurrent enrollment in chemistry. Students will obtain a thorough foundation in anatomy and physiology of the human body through intense study during the school year. Students will develop research and presentation skills through “Learn and Share” projects quarterly in which they are encouraged to reflect upon personal interests and inquiry to develop topics for research, creation of written products using MLA format, and share the information and knowledge with classmates during informal presentations. This class is very, very challenging and not to be taken lightly. Regular attendance is essential, and students must dedicate great amounts of time to independent study to learn material and be able to discuss and ask questions for clarification during class times and maintain the grade they desire. Further goals of the class are to prepare students for the rigor of academic classes at the college level and to make students more able to take charge of their health care in the current managed health-care system. An exam will be given over each unit of study and will be comprised of challenging objective questions and possible essay components.

First Quarter - August to October

- *Orientation to the body and language of anatomy & physiology
- *Histology - tissues, cells and structural organization of organ systems
- *Integument - skin, hair nails and “Learn and Share” project about integument-related topic
- *Research project and presentation
- *1st Quarter Vocabulary Exam

Second Quarter - October to January

- *Skeletal system - histology, axial, appendicular, articulations
- *Muscle system
- *Cardiovascular System and “Learn and Share” project about quarter topics
- *Research project and presentation
- *2nd Quarter Vocabulary Exam and 1st Semester Final Exam

Third Quarter - January to March

- *Respiratory system - lungs and gas exchange
- *Immune System - lymphatic system and immune responses
- *Digestive System and nutrition and “Learn and Share” project about quarter topics
- *Research project and presentation
- *3rd Quarter Vocabulary Exam

Fourth Quarter - March to May

- *Nervous System - brain and peripheral nerves and senses
- *Endocrine System - glands and the brain
- *Excretory System – kidneys and “Learn and Share” project about quarter topics
- *Research project and presentation
- *Fetal Pig dissection and lab reflection sheets daily
- *4th Quarter Vocabulary Exam and 2nd Semester Final Exam

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My web pages are available on Geneseo High School web site I rely on them heavily.

Let's build a mutually productive, rewarding, and respectful relationship as we **LEARN** together!