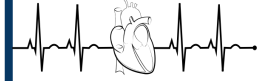


Human Anatomy & Physiology

Body Systems - Course content is rooted in the 11 systems of the human body: integumentary, skeletal, muscular, cardiovascular, respiratory, nervous, endocrine, lymphatic, digestive, urinary, & reproductive. The focus of each unit will be on learning the names & locations of system' structures & organs, along with their functions. With the basics in place, you'll practice applying that knowledge by incorporating the four major aspects of this course explained below.



Model Analysis & Creation -Drawing, coloring, model analysis, and model creation, will be used to reinforce your basic understanding of organ systems. The Anatomy in Clay system, plastic models, 2-D illustrations, and other materials will be used to support this process. Markers & colored pencils are recommended.



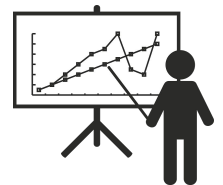
Explaining Homeostatic Imbalances - In each unit students will be asked to look for connections between body systems, & consider how external or internal imbalances impact homeostasis in normal and disease situations. Students will be asked to: interpret case studies, compare lab test results to make diagnoses, and consider how negative feedback loops are involved in bringing the bodily imbalances back into balance.



Suturing & Dissection - Both are activities involved in studying the structures of the human body. Within our study of several of the body's systems, you will collaborate with other group members to practice basic suturing and dissection techniques.



Data Analysis - Throughout each chapter we'll engage in experiments and activities to discover the answers to specific questions. We'll create tables & graphs of the data we collect and then analyze it. Data analysis includes interpreting trends, predicting results in future experiments, identifying independent, dependent, & controlled variables, as well as determining the parameters for the next trial of the experiment.



Assessments: -

Model Creation

- Project
- Lab Activity

Lab Reports

- Digital Graph Creation
- Data Analysis
- CER Paragraphs

Written Tests

- Vocabulary
- Reasoning
- Diagnosis

Food & Safety -

For safety concern there is no eating or drinking in the lab space. Out of respect for others, our class will not eat during tests. Always follow lab procedures & equipment protocol to ensure the safety of all.

Test Format -

Multiple Choice for Vocabulary, Reasoning, & Data Analysis
Fill in the blank for diagram labeling. Always use proper spelling, punctuation, sentence and paragraph structure for diagrams & writing assessments. Always bring extra work or a book to read in case you finish you test early.



Your Instructor:

Mrs. Heupel

The best way to contact me is a private comment in Google Classroom.



Communication with your Instructor



Our Anatomy class will incorporate a **blended** learning format, which means that some of your assignments will be done on paper (offline) & some of them will be assigned digitally with Google Classroom (online). Sometimes you'll get information by reading & taking notes, and other times there will be teacher lead instruction, or video lectures. Activities, modeling, & experiments will be used to reinforce & apply anatomical concepts. Most make up work can be done through Google Classroom. If you cannot attend school, **check Google Classroom for your assignments** & materials. When you turn in an assignment using GC, you'll receive comments and scores there as well. Don't forget to check the Private Comments section under your Google Classroom assignments for individual comments. Update your Gmail account by deleting past emails to make our communication as learning partner more efficient. Last, but certainly not least, remember to regularly your school gmail account for messages from your instructor.

Download these Apps:

- Powerschool
- Google Classroom
- Google Keep
- Google Drive
- Quizlet
- Flipgrid
- Quizizz

Anatomy Class has a **1 time** **\$ Lab Fee** **of \$3.00**

*Pay Shannon at the front office.



Personal devices will be allowed in our classroom for use in labs, activities, and accessing instructional content. For Example: for some labs you'll need a calculator, a timer, stopwatch, or camera. If you don't have a phone with these features, don't worry, there'll be other options.

Always bring your Anatomy notebook, a pencil & a pen.

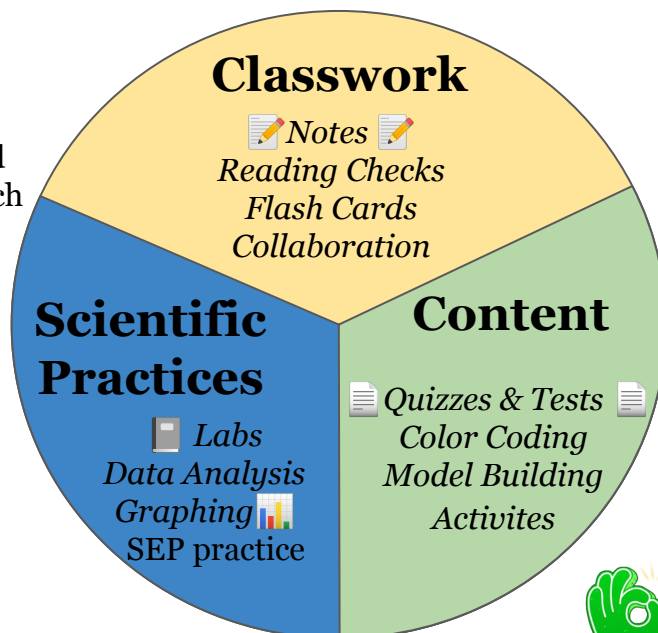
Assignments & Grading

Students will be given opportunities to track & reflect on learning target progress, & use teacher feedback to improve their work. All feedback should be used to improve work to reach mastery.

You Can Do It!



Late work will be accepted **until** the end of each **unit**. Contact your instructor if you need more support.



A	90
B	80
C	70
D	60
F	50
	40
	30
	20
	10
	0

Grading

