**Human Anatomy and Physiology- Spring**

**Mrs. Drane**

**Taliaferro County High School**

***“Teaching for Learning, For All”***

Course Description: This course will focus on the structure and function of several major organ systems in the human body. You will be expected to learn names and locations of various anatomical structures and the functions of the organ systems. You will be involved in several labs and dissections over the course of this class, culminating in the dissection of a mink at the end of the year. You will be presented with case studies in order to further understand pathologies of body systems. You will also be involved in researching and presenting a disease of your choice that affects one of the body systems covered during this semester.

Textbook: Essentials of Human Anatomy and Physiology. Elaine Marieb. 9th edition.

Replacement cost= $75

Topics Covered: These time frames are subject to change and provide an estimate only.

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| **Dates** | **Chapters** | **Topic** |
| Weeks 1, 2, & 3 | 1, 3- 4 | Body Orientation, Cytology, Histology, Integumentary |
| Weeks 3, 4, 5 & 6 | 5 & 6 | Skeletal and Muscular |
| Weeks 6, 7, 8 & 9 | 7 – 9 | Nervous, Special Senses, Endocrine |
| Week 9 | This is catch up week | Rat Dissection if time permits. |
| Weeks 9, 10 & 11 | 10 – 12 | Blood, Cardiovascular, Lymphatic, Immune |
| Weeks 12, 13 & 14 | 13 – 15 | Respiratory, Digestive, Metabolism, Urinary, Fluid Balance |
| Weeks 15 & 16 | 16 | Reproductive, Pregnancy, Heredity |
| Weeks 17 & 18 | Review of all chapters | Human Disease Project Research & Presentations |

Grading:

**Tests/Projects** 40% \*tests will be multiple choice, short answer, matching at the end of each unit. Research project will be a disease of your choice from one of the body systems we cover this semester. More info will be provided later.

**Quizzes**  20% \*once per week, same format as tests

**Labs**  30% \*graded on participation, lab questions, and lab practicals. Misbehavior will not be tolerated. See lab safety agreement for important information.

**Daily Work/Homework** 10% \*-10 points per day late. Do not turn it in if it’s more than 3 days late.

***\*\*These grades will account for 80% of your grade. The final exam will account for the remaining 20% of your course grade.***

*\*Cheating will result in a grade of zero and disciplinary action.*

Class Rules and Expectations:

1. **Be prepared.** Bring all materials with you for class, including pens, paper, books, etc.
2. **Be on time.** This allows you to be ready to start class when the bell rings. Excessive tardies also result in disciplinary action from the front office.
3. **Be respectful.** This includes not talking when the teacher or other students are speaking. You will be given opportunity to be heard if you wait patiently. Please raise your hand.
4. **All school rules will be enforced.** This includes anything outlined in the Student Handbook. Remember…no cell phones, music players, cards, food, or hats please.
5. **The teacher will dismiss you from class.** Do not pack up or line up at the door before the bell rings. I will dismiss class when it is over.
6. **Try your best at all times.** Try to work to the best of your capabilities at all times. This means completing any assignment/reading before class that has been assigned. You should try to read your notes nightly for at least 15 minutes since this class will cover a lot of material and new terms.

Consequences for improper behavior: Severe problems will be referred directly to the office. Others include…

1st offense- Warning

2nd offense- Student conference

3rd offense- Parent conference

4th offense- Office referral

Makeup Policy: If you are absent, it is your responsibility to find out what was missed and make it up. Please see me as soon as possible for this. You must complete your work within 1 week upon return. Makeup tests or quizzes will only be given before or after school. If you will be out for an extended period of time, call the school to arrange for your work to be picked up.

Extra Help: If you are having difficulty with any concept, I am available before or after school. Please come to see me then. I don’t know you are having problems unless you tell me, so please do!!

Hall Passes: Students will be allowed 1 hall pass per month out of class. Please visit your locker or the restroom before class. Time spent out of class means you miss important material.

Contact Information:

Taliaferro County School: 706-456-2575

[mdrane@taliaferro.k12.ga.us](mailto:mdrane@taliaferro.k12.ga.us)

Room 304

Ga Performance Standards

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

**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.**

**SAP3. Students will assess the integration and coordination of body functions and their dependence on the endocrine and nervous systems to regulate physiological activities.**

**SAP4. Students will analyze the physical, chemical, and biological properties of process systems as these relate to transportation, absorption and excretion, including the cardiovascular, respiratory, digestive, excretory and immune systems.**

**SAP5. Students will analyze the role of the reproductive system as it pertains to the growth and development of humans.**

Dear Parents,

I look forward to having your student in my class this semester. It should be an exciting time as we learn about the human body and diseases that can affect each organ system. Since we have now begun a block schedule at TCS, we will move much faster through the course than before. Students should be prepared to do more at home than in the past.

Human Anatomy/Physiology is a lab-based course with several dissections throughout the term, culminating in an in-depth mink dissection. Students will be involved in several case studies in order to diagnose disorders of the covered body systems. Students will also choose and research a disease that affects one of the covered systems. They will present the information to the rest of the class at the end of the term.

Please feel free to contact me anytime with questions, comments, or concerns. I welcome parent contact anytime. I would like to have an email address or phone number to reach you at also. You may view your student’s grades, attendance, and discipline from the parent portal on the website. If you do not have the information you can ask your child for it.

Sincerely,

Millicent A. Drane

**Please return the below portion of this page of the syllabus on or before Tuesday, January 9th, 2018.**

By signing below I signify that I have read and understand the information obtained in this syllabus.

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Student Signature Parent Signature

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Date Parent Email or Phone Number