Anatomy/Physiology

Mrs. Locke

CLYDE C. MILLER CAREER ACADEMY

2021-2022

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| CLASS INFORMATION |
| Room: 153Email: cherise.locke@slps.orgPhone: (314) 371-0394 | B Day: Period 5 and 8 |
| Course Description | Quarter Overview |
|  | * Quarter 1 – Organization of the Body, Structure and Function
* Quarter 2 – Communication, Structure and Function, Power and Energy
* Quarter 3 – Respiratory System, Circulatory System, Muscular System, Movement, Structure and Function, Power and Energy
* Quarter 4 – Homeostasis: Endocrine, Integumentary, Skeletal Systems
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| Grading Scale90-100 = A  80-89 = B 70-79 = C 60-69 = D 0-59 = F | Attendance PolicySchool attendance policy will be followed | Office HoursAvailable on “as needed” basis |
| Learning Targets |
| In this class you will…* learn how body systems work together to complete specific functions
* understand why directional and regional terms are advantageous when discussing location in the human body
* understand how tissue structure is related to its function and how all tissues contribute to your identity
* examine what happens when there is miscommunication in the human body and understand how the structure and function of the brain helps with diagnosis of diseases
* investigate how outside stimuli are communicated and interpreted by the brain
* understand the relationship between the will to survive and outside stimuli impact ability to survive
* learn why we eat food and understand how food gives us energy
* learn how our body gets energy and understand the role action molecules in energy production
* understand why we breathe and how breathing produces energy
* examine how blood flows through the body and what happens when blood flow is restricted or reduced
* learn what skin is made of and its role in maintaining homeostasis
* learn what role do “soft tissues” play in skeletal stabilization and how integumentary skin interfaces with other underlying organ systems
* understand why we have two skeletons and learn their roles
* examine how bones develop and what other functions bones have besides structure
* understand how body systems work together to maintain homeostasis
* understand how outside stimuli influence homeostasis
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| Housekeeping items… |
| **Class Norms:*** **Be on time for class. On time means in the classroom and seated, not a minute after the bell rings.**
* **Bring your laptop to class EVERY DAY**.
* **Cell phone use is strictly prohibited unless used for classroom activities as directed by the teacher.**
* **Turn in all assignments when due.**
* **Be respectful of others.**
* **Remain seated until you are dismissed.**
 | **Make-up Work/Make-up Testing** * **Students will have one day for every day missed plus one day to turn in makeup work. Any work not turned in will receive a score of 50%.**
* **Students will take test the day after they return from absence unless absent for an extended period time (sickness/hospitalization, death in family, unforeseen circumstances). Student is responsible for making arrangements to take test.**
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