



Cobb County Schools Allatoona High School Essentials of Healthcare Science



Instructor: Dr. S. Espinoza

Phone: 770-975-6503 **Room:** 1403

Class Website: www.drsmespinoza.com/essentials

Email: sapph.espinoza@cobbk12.org

Purpose: Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. The pre-requisite for this course is Introduction to Healthcare.

This class is anatomy and physiology intensive and requires the performance of professional healthcare skills, such as performing vital signs assessments. While homework will not be assigned each night, students should expect that they will need to study the material each day and practice the performance skills in all in class practice sessions in order to be successful. Individual assistance will be available on after school tutorial days, or by appointment.

Grading:

Classwork, Participation, Professionalism = 35%

Projects and Skills Checks= 15%

Quizzes and Tests= 40%

Final Exam = 10%

****If assignments are not finished during class time it is the student's responsibility to complete them outside of class, for homework****

Embedded Credit for Human Anatomy and Physiology: Students who are taking this class will earn credit for the courses Essentials of Healthcare Science and most will also earn embedded science credit for Anatomy and Physiology. Students who receive the embedded credit will earn credit for 2 classes, one elective and one science. Students who have already received credit for Anatomy and Physiology, will not receive the embedded credit but will be taking the same course as those who earn the embedded credit.

Please note that a student who receives the credit will not be eligible to take on level Anatomy and Physiology or Honors Anatomy and Physiology at a later time, to earn a different grade or additional credit, because these courses have the same course number and students cannot receive credit for a course for which they have already earned credit. Please see your counselor with any questions specific to your circumstances.

Department Make Up Policy

Students are able to make up work for any excused absence, this includes ISS or OSS. The student must make up missing assignments within the time frame that they were absent, plus one day, or they will receive a zero for the assignment. For example, if a student has two consecutive excused absences, he or she will have three days upon return to school to make up the work. **It is the students' responsibility to ask for make-up work and arrange time with the teacher to complete the assignments.**

Department Do Over Policy

The "Do Over" is a reassessment where re-teaching, practice, and tutoring must be completed to be able to re-assess. In order for the student to take advantage of the "Do Over" to improve a **major assessment**, the following requirements must be met:

- Attempt the original assessment
- Prepare for and attend 1 tutoring session with their teacher
- Complete all assignments that support the instruction prior to the initial assessment

- Participate in the second offering of the assessment to have the opportunity to replace a grade with a maximum of a 70. (Students will receive the higher of the two grades up to a 70.)
- Timeline: The “Do Over” time frame is 5 school days from the date the assessment was returned to the class.
 - The second assessment will be the same format as the original assessment but a different version. (example- multi-choice format, or essay format)

Composition Book Check: Composition Books will be used for daily work, warm-ups, vocabulary lists, and many other class assignments. It is expected that these class composition books will be kept up to date at all times and will be ready to turn in upon request. Composition books will be collected randomly for a “notebook check.” These checks may be unannounced or announced. Students who do not turn in composition book when requested will be considered to be turning their assignments in late, and points may be deducted according to the late work policy. Late composition books, at the teacher's discretion, may be checked for any or all of the additional assignments from the time period being checked (The assignments chosen to be checked may not be the same as the ones chosen for those who were turned in on time).

Late Work (Late Assignments, late note book turn-in, etc): Late work will be accepted with a deduction of 10% of the grade per school day. If a student is absent for an excused absence, the assignment will not be counted late until after the Make-up policy time frame has been exceeded. It is the student's responsibility to make sure to have work turned in before it becomes “late.” After 10 school days, late work will not be accepted.

Classroom Expectations: This class is preparing students to work with, and care for, patients in a professional setting. Therefore, it is my expectation that students model their professionalism, in speech and in action, at all times while in class. Professionalism is especially important when students are practicing and performing healthcare skills and participating in other lab activities.

Students must abide by the following rules while in my class:

1. Keep a positive attitude. Speak and act respectfully toward everyone.
2. Follow directions quickly. Follow all procedures and instructions
3. Stay focused on learning and actively participate, at all times. Stay on task and avoid distracting behaviors such as communicating with others during instruction.
4. Take care of the classroom and class equipment. Avoid being in the lab areas or touching lab equipment without teacher permission and supervision. Clean up after yourself.
5. Display honesty and integrity. Do the right thing, even when no one is looking

Technology Policy:

We will be following the Cobb County BYOD policy. Phones and other devices may only be used for healthcare class assignments, when given authorization to do so. Otherwise, keep devices put away. Unless students are given permission, for a specific healthcare assignment, phones, ear buds, headphones, and other devices should not be out or visible during class. We will be using technology in class on a regular basis and there will be times when students are given permission to use personal devices for the class assignment. Students may not charge devices in class, unless permission is given.

*****To avoid issues - Always Ask First*** Violations will follow the school policy.**

Consequences: If a student chooses to not follow the classroom expectations, the result may be:

- | | |
|----------------|----------------------|
| • Change seats | • Office referral |
| • Detention | • Other consequences |

MATURE/SENSITIVE CONTENT: This class is intended to assist in preparing students for careers and postsecondary education in the healthcare field. Due to the nature of this course, medical related video clips are shown. Textbooks, which are used in class, including Diversified Health Occupations, By Cengage Learning, and assorted anatomy texts and atlases, contain pictures of medical procedures, injuries, human anatomy, diseases, and conditions. Mature topics are also discussed in class. For example, students will be learning about human anatomy systems, diseases, and conditions. The mature topics that are discussed are required in the healthcare field and are part of the GA Department of Education standards for this course. If you have any concerns about your child viewing any of the sensitive materials, please contact me and we will discuss.

Hosa: Membership in the co-curricular organization Hosa, future health professionals, is highly recommended for healthcare students. Membership dues are \$40 for the academic year and should be submitted by the first week of September. www.allatoonahosa.org

Textbook: *Health Science Fundamentals Revised 1st edition Badasch, Chesebro** We have a class set of this textbook meaning that the textbooks will stay in the classroom. However, students may check out a book when needed. Additional textbooks may be used if available.

Required Class Materials:

- Composition Book (Sewn in pages are preferred - This may NOT be spiral bound or a three-ring binder)
- Pens, Pencils, and Highlighters
- One cube sized box of Kleenex (This will be needed for a project)
- One light colored t-shirt (For a project. It does not have to be new but it will be altered. This will be used in the second half of class)

Suggested Materials:

- Colored pencils (24 or more)
- Notebook paper
- Posterboard (when necessary)
- Trifold Project Board (when necessary)
- Computer paper

Class Standards: A simplified version can be found to the right. You can find a complete version from the Ga Department of Education on the class website.

Parent Involvement: I strongly encourage involvement of parents and other relatives. I hope this course will enhance communication within your family—that students will share what they are learning in class with their parents, and that parents will ask what is being studied in school.

Teacher Blog: www.drsmespinoza.com

I will be posting general information about this class on my website and will be using Edmodo for blog updates. Edmodo will be updated with class topics, assignments, reminders, Hosa activities and other class information. Please contact me for a class code if you become unable to access Edmodo, as it periodically resets and changes. Students should also sign up for the class "Remind," to receive reminders about class and should make sure to join the class Quizlet, for access to word lists and supplemental study materials.

Essentials of Healthcare Standards

EHS-1-Demonstrate **Employability Skills** required by business & industry.

EHS-2-Classify the basic structural & functional **Organization of the Human Body** and identify body planes, cavities, regions, directional terms, tissues, organs and parts of the **Cell**.

EHS-3-Analyze the anatomy, physiology & basic pathophysiology of the **Integumentary System**, & evaluate & monitor body temperature.

EHS-4-Investigate the anatomy, physiology, & basic pathophysiology of the **Cardiovascular System**, & evaluate & monitor blood pressure & pulse.

EHS-5-Examine the anatomy, physiology & basic pathophysiology of the **Respiratory System**, & evaluate & monitor respirations.

EHS-6-Evaluate the anatomy, physiology, & basic pathophysiology of the **Muscular & Skeletal Systems**, & perform technical skills related to the systems.

EHS-7-Analyze the anatomy, physiology, & basic pathophysiology of the **Urinary System**, & apply knowledge in performance of technical skills related to the system.

EHS-8-Analyze the anatomy, physiology, & basic pathophysiology of the **Reproductive System**, & perform technical skills related to the system.

EHS-9-Examine the anatomy, physiology, & basic pathophysiology of the **Nervous System & Special Senses**, & perform technical skills related to these systems.

EHS-10 - Evaluate the anatomy, physiology, & basic pathophysiology of the **Endocrine System**, & perform technical skills related to the system.

EHS-11 - Investigate the anatomy, physiology, & basic pathophysiology of the **Digestive System**, & perform technical skills related to the system.

EHS-12 - Analyze the anatomy, physiology, & pathophysiology of the **Lymphatic System**, & perform technical skills related to the system.

Parent and Student Acknowledgment of Syllabus for Essentials of Healthcare

Student Name _____

Student Agreement - I have read and understand the Healthcare Science Syllabus and Curriculum and agree to follow the classroom policies.

Student Signature: _____ Date: _____

Parents - have read the Essentials of Healthcare Science Syllabus and understand the course content, expectations, and grading standards.

Parent Name

Phone Number

Parent Name

Phone Number

Do you work in the health field? _____ If so, what is your area of practice? _____

Are you willing to be: a guest speaker? _____ a class volunteer? _____
a Hosa fieldtrip Chaperone? _____

Parent Signature: _____ Date: _____

**Please Sign and
Return By:
August 10, 2018**

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