

# Foundations of Health Science

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## HEALTH SCIENCE COURSE SYLLABUS

**Course Title:** Foundations of Health Science

**Course Description:** Foundations of Health Science is a required one-credit course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course is the prerequisite for all the health science courses. It is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**CTSO:** HOSA-Future Health Professionals\*

**Course Fees:** In order to maintain the high standard of instruction, it is necessary to charge a fee in order to provide laboratory experiments, and expendable materials necessary to maximize instruction. The course fee is \$25.00 and payable through PayPams due by January 31<sup>st</sup>.

**Prerequisites:** None.

**Course Goals:**

Students will learn how to:

Follow safety procedures

Perform quality work

Demonstrate quality behavior

Demonstrate knowledge of Health Science standards with a minimum of 70 % accuracy

Develop skills needed to be a contributing and productive member of society

**Essential Question(s):** How will integrating and incorporating medical terminology into instruction regarding human body structures and functions and the disease process assist a health care worker succeed in the 21<sup>st</sup> century.

**Course Outline:**

- |                         |                                   |
|-------------------------|-----------------------------------|
| 1. Orientation/ Safety  | 7. Legal and Ethical Implications |
| 2. Employability Skills | 8. Health and Wellness            |
| 3. Career Opportunities | 9. Technical Skills               |
| 4. Medical Terminology  | 10. Technical Skills              |
| 5. Anatomy Overview     | 11. Financial Literacy            |
| 6. Communication Skills | 12. Review and Tests              |

**Instructional Philosophy:** The Health Science philosophy is to provide an environment for developing proper skills, knowledge, safety habits, work ethics and pride in achievements.

Students will be expected to meet all of the course goals and to demonstrate their understanding of the underlying concepts. The instruction will be lecture, videos, computers, demonstration, question and answer, laboratory, guest speakers and hands on application. The course requires students to use academic skills, such as Mathematics, Science, and Language Arts. Students will be expected to take part in discussions, work in groups, work individually, and complete homework assignments and complete assignments on time.

**Assessment Procedures:** Student assessment will be based on attendance and participation in class, daily work, performance tests when applicable, and course projects. If necessary, students will be provided remediation for course standards. Students will complete all course requirements at a minimum of 70% accuracy to pass the course.

**Grading Scale: Grading Scale:**

A	=	90-100
B	=	80-89
C	=	70-79
D	=	60-69
F	=	59 and below

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**Attendance/Make-up Work:** The school policy will apply. **It is the student's responsibility to make up work upon returning from an absence and schedule make up times with the instructor at the instructor's convenience.** Exam and assignments given during the absence must be made up within three days of returning to class.

Students who miss class due to school related activities must decide with the instructor prior to the absence. Advanced assignments will be turned in prior to the time of absence. Students will take missed exam(s) on the first day of returning to class following the activity.

\* **Failure to make up work/exams during the allotted time will result in a zero.**

**Cheating:** Cheating WILL NOT be tolerated. The school's disciplinary policy, as listed below, will be strictly enforced. This includes plagiarism and cheating on homework, tests, projects, etc.

1<sup>st</sup> Offense: Grade of zero given by teacher, admin referral

2<sup>nd</sup> Offense: Grade of zero given by the teacher; removed from all dual enrollment classes; change of diploma status.

**Cheating includes any form of providing questions or answers to in-class quizzes or tests. Both the provider and copier will be punished. Giving someone your work to look at counts as cheating. Using AI tools to generate essays also counts as cheating.**

**\*Please note that all students in the Health Science Program are exposed to all aspects of the human body. This information may be in the form of videos, speakers, assignments, or field trips. ALL materials in the classroom are important for student learning. If you have concerns regarding learning activities, please contact me by letter or email. Failure to respond in writing will automatically submit your approval.**

**Disclaimer:** Saraland High School will abide by any/all state and local health agencies' directives regarding COVID-19.

### **Generative Artificial Intelligence Statement**

This course will allow—in some cases, even encourage—the use of generative artificial intelligence (GAI) techniques in some assignments. Unless otherwise indicated, the default is that this kind of use is prohibited. GAI use must be recognized and referenced. Academic misconduct will be the result of breaking this policy and could result in loss of credit for the assignment(s) as referenced in the cheating policy in the Saraland City Schools' Student Handbook. It is the student's responsibility to follow the requirements of each course or assignment.

**Culminating Product(s):** Health Science students will be able to validate skills (Vital signs, hand- washing, PPE, professional communication.)

### **Embedded Numeracy, and Literacy Anchor Assignment:**

Students will be able to apply literacy and numeracy skills in analyzing data related to vital signs, calculating BMI, understanding nutrition labels, interpreting medical literature, research articles, and medical case studies. These skills will prepare students for a healthcare career and/or post-secondary institution.

**Task:** Analyze and understand vital signs (temp, pulse, respiration, and blood pressure) through numeracy and literacy. Students will collect vital sign data on three different individuals over the course of three days at the same time of day. This data will be presented in a table form. The student will calculate an average for each vital sign collected on all three participants. These averages will be compared to the normal ranges of vital signs. The student will write a brief report describing their findings.

**Materials:** 3 ring binder with notebook paper

Pens (blue or black ink) and pencils

Highlighters

Basic calculator (phone calculator will not be allowed)

Index Cards

**Conferences:** Parent-teacher conferences may be scheduled during my planning period. These conferences may be done in-person or by phone. I welcome the opportunity to answer any questions and concerns. Please allow 24 hours to respond. You may contact me through email at [hscrimshire@saralandboe.org](mailto:hscrimshire@saralandboe.org)

**Instructor:** Holly Scrimshire, RN

**Remind:** text code @shsfhs4 to 81010

### **Classroom and Lab Expectations and Procedures:**

All rules, procedures, and policies (including attendance policy) in the SCS Student Handbook will apply to this course and classroom. Misconduct will not be tolerated. The school code of conduct will apply.

1. Class begins when you enter the door.
  - a. Once you are in the classroom, you are **IN** the classroom.
  - b. You are responsible for having all your materials needed for this class each day.
2. **NO CELL PHONE/SMART WATCH** use without permission. At the beginning of class **ALL CELLPHONES** will be placed in a phone chart by the student. Failure to comply with the cell phone policy will result in the phone being submitted to an administrator.
3. No headphones or earbud use without permission of instructor.
4. Do not get anything out of classroom cabinets without permission
5. Never touch or remove anything in the classroom/lab without permission. (ie: mannequin, skeleton, wheelchair, beds, etc.)
6. In the lab, **NEVER** sit on the hospital beds/wheelchairs without permission.
7. **DO NOT** write on or damage healthcare equipment.
8. **NO FOOD, DRINK or GUM** allowed in the lab.
9. **NO FOOD** or drink is allowed in class without permission. Water **ONLY**!
10. **NO HORSEPLAY:** running, acting silly, throwing things, picking up the mannequin, etc.
11. Be respectful to your teacher(s), fellow classmates, and the school property.
12. Clean up after yourself.
13. Textbooks and Chromebook **MUST** be put back on the shelf or cart after use. Chromebook must be plugged in for charging.
14. **No sleeping or head down on the desk.**
15. Students are not allowed to use computers or for other subjects (class) assignments, take images or video without instructor permission. Use of the internet is a privilege, not a right, and inappropriate use will result in a cancellation of those privileges.
16. Come to class with a good attitude, a smile on your face, and a willingness to learn something new each day. Do not let fear of a new way to do something or learning new information keep you from trying. **CAN'T is not in your vocabulary.**
17. **CHEATING** will not be tolerated. This includes, but not limited to, taking pictures of your work and sharing it with a classmate. This is a form of cheating. You will receive a zero for the assignment and/or test.
18. **ALWAYS DO YOUR VERY BEST!**

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### Health Science Signature Confirmation

Instructor: Holly Scrimshire, RN  
[hscrimshire@saralandboe.org](mailto:hscrimshire@saralandboe.org)

Parents and students are required to sign and return this page to the Health Science teacher.

I have read the Foundations of Health Science course syllabus, grading guidelines, class policies and expectations, class requirements and procedures. I understand I may have a copy of this syllabus if I desire. A copy of this form will be maintained in the student's record indicating both student and parent have read and signed this form. The syllabus will remain on Schoology for the entire semester if needed for reference.

Parent/guardian understands that the health science class fee is \$25.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Parent/Guardian Name

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Parent/Guardian email

\_\_\_\_\_  
Parent/Guardian phone number

I have read and had the Foundations of Health Science class policies and expectations, grading policy, safety rules classroom procedures, and requirements explained to me to my satisfaction. I understand failure to follow and abide by these policies and procedures will affect my grade and may lead to disciplinary action. I further acknowledge the importance of safety in the Health Science class and agree to abide by the safety policies.

\_\_\_\_\_  
Print student name

\_\_\_\_\_  
Student signature

\_\_\_\_\_  
Date

### Title IX Law

It is the policy of the Alabama State Department of Education, including post-secondary institutions under the control of the State Board of Education, that no person in Alabama shall on the grounds of race, color, handicap, sex, religion, creed, national origin, or age be excluded from participating in, be denied the benefits of or subject to discrimination under any program, activity, or employment.