**HEALTH SCIENCE COURSE SYLLABUS**

**Course Title:** Health Science Internship

**Course Description:** Health Science Internship is a one credit course designed for students in Grade 12. This course provides students with the knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Theory and laboratory components comprise at least ten percent of the course. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facility. The prerequisite for the course is Foundations of Health Science and Diagnostic Services and Therapeutic Services or their equivalent.

Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Course Fees:** The course fee is $50.00; Due by Friday, January 31st.

* $25.00 Class Fee + $25.00 Dual Enrollment (University of Mobile)

**Course fees cover the following expenses:**

Malpractice Insurance $15, and CPR Card $5, Clinical lab supplies $10.

 **Pre-requisites:** Foundations of Health Science, Medical Terminology, and Therapeutic Services

**Immunizations:** All immunizations must be up-to-date, and the healthcare facilities require students to have a yearly negative TB skin test. Acute care facilities (hospitals) require flu shot in addition to TB skin test.

**Insurance:** Your student is taking a career technology course in high school, and it is **required** that they have **medical insurance** that will cover them while working in the healthcare facilities. If you do not have such a policy, your child **will not be allowed** to participate in this program. A copy of insurance card must be provided to instructor prior to first clinical day at William F. Green Veterans Home.

**Clinicals:** Students are required to be transported to and from the healthcare facility by Saraland City School transportation department. The bus will depart from the school at 6:30 a.m. and return at 2:00 p.m. Each student will need to have an Excursion Permission Form completed by a parent giving the student permission to travel by bus to William F. Green Veterans Home in Bay Minette. Students must be in uniform during clinicals (charcoal gray scrubs, tennis shoes, ONLY one pair of small stud earrings in the ear lobes - no other piercings are allowed), fingernails must be short with no nail polish, no artificial nails, long hair must be pulled back neatly (up above the collar). Students must board bus on time for departure to clinical. No cell phones are allowed into the healthcare agency/facility **AT ANY TIME!** Failure to follow these requirements will result in removal and/or failure in the course.

Students will travel to healthcare facilities within Saraland City and Mobile County to shadow healthcare professionals. Students will be responsible for transportation to and from identified facilities. Failure to attend assigned shadowing clinicals will result in removal and/or failure in the course. Same uniforms guidelines apply as stated above.

Other reasons for removal/dismissal from Internship and CNA/CPCT credential:

* Excessive absences – per school policy students are allowed 5 excused absences per semester. Students who are absent 5 or more days per semester will not receive credit for the course unless approved by the principal.
* Students who do not notify instructor of illness prior to 5am on clinical day are dismissed from course.
* Major discipline infractions – vaping/drug or alcohol use/violence/bullying/cheating and other discipline infractions to instructor’s discretion.

**Course Goals:**

 Students will learn how to:

 Follow safety procedures and effective infection control techniques.

 Develop knowledge common to all healthcare careers.

 Demonstrate effective workplace and employability skills including resume-writing and interviewing.

 Demonstrate safe, legal, responsible, and ethical use of information.

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

 Develop skills of logical thinking, communication, problem-solving, and decision-making.

**Essential Question(s):** What skills and knowledge are needed for success as a Health Care Worker in the 21st Century? How will integrating advanced medical knowledge and technology promote the well-being of patients and residents?

**Course Outline:**

Week 1 Skills for Delivering Patient Care Week 7 Plan of Care/Medication Calculation/Pharmacology

Week 2 Safety Needs & Policies/Critical Thinking Skills Week 8 Communication (Verbal/Non-verbal/Written)

Week 3 Health & Safety Policies in Clinical Setting Week 9 Legal/Ethical/Confidentiality

Week 4 Medical Terminology Week 10 Teamwork/Patient Compliance

Week 5 Common Diseases and Disorders Week 11 Basic Health Care Skills

Week 6 Basic Healthcare Skills Week 12 Career-Based Project

**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 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 determined from exams, quizzes, homework assignments, classroom assignments, course projects, clinical skills, etc. Tests will constitute 70% of the quarterly grade, while assignments and homework will constitute 30% of the quarterly grade. A comprehensive semester exam will be the state CNA or national CPCT written examination, which will comprise 20% of the student’s semester grade.

**Grading Scale for high school credit:**

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 59 and below

This is a college credit class and requires a 70 or above to receive college credit under dual enrollment guidelines.

\*All homework assignments are due upon **entering** the classroom. This rule also applies to Schoology submissions which will be time and date stamped.

**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.**

**Excused Absence:** Exams and assignments given during the absence must be made up within **three** days of returning to class from an absence. However, if a student is absent on an exam day/assignment day and the exam/assignment was scheduled prior to the student being absent, the student will make-up the exam/assignment **upon returning** to class.

Students who miss class due to school related activities must plan 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.**

**Unexcused Absence**: The student will possibly be allowed to make up work at the discretion of the instructor/principal.

**CTE Dual Enrollment Credit Opportunity:**

1. Therapeutics of Health Science – University of Mobile – Health Science Elective – NU 198
2. Internship of Health Science – University of Mobile – Health Science Elective – NU 199

\*Must maintain a “C” average for credentialing

**Information on Plagiarism:**

You will be required to adhere to the University of Mobile’s academic integrity policy and Saraland High School’s cheating policy. All turned-in work (other than group assignments) is expected to be the original product of you, the individual student. Claiming another’s work as your own is plagiarism. This includes turning in assignments that are partially or wholly taken without attribution from another student’s work, from print sources, or from electronic sources. The penalty for plagiarizing any assignment is automatic failure of that assignment, and I will report any plagiarism or cheating to the administration. **All writing assignments will be submitted to** [**www.turnitin.com**](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.turnitin.com%2F&data=05%7C01%7Ctthames%40saralandboe.org%7C1968cda1db9b43b7c0a208db942f7ae0%7C9b0ec08b36c8415aabd7681cdf174482%7C0%7C0%7C638266703891766680%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=pZZXrRC0iP1A7N115mRwCUWfzcTSHguGm8Lt1O6zpis%3D&reserved=0) **to check for plagiarism. If students do not already have an account, they will need to create one in class.**

**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.

1st Offense: Grade of zero given by teacher; admin referral

2nd Offense: Grade of zero given by 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. If a detection is made by** [**www.turnitin.com**](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.turnitin.com%2F&data=05%7C01%7Ctthames%40saralandboe.org%7C1968cda1db9b43b7c0a208db942f7ae0%7C9b0ec08b36c8415aabd7681cdf174482%7C0%7C0%7C638266703891766680%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=pZZXrRC0iP1A7N115mRwCUWfzcTSHguGm8Lt1O6zpis%3D&reserved=0)**, the student’s grade will be affected.**

**Culminating Product(s):**

Career Based Project; Skills performance checklists for various therapeutic skills; Presentation describing roles and responsibilities of healthcare career; Successful assessment of knowledge related to legal, ethical, safety, and confidentiality related to healthcare; Successful assessment of knowledge and skills involving anatomy, safe practices, medications, diseases, disorders, and technology related to therapeutic services.

**CTSO:** HOSA – Future Health Professionals

HOSA is an integral, co-curricular component of each health science education course. This organization serves to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Simulation labs are an integral part of Internship as students utilize critical thinking, CNA skills, medical math, medical terminology and other HOSA events that are incorporated in the classroom/clinical setting to prepare students for state competition. Career resumes and job searching skills will be integrated into lessons through resources provided by hosa.org.

**Embedded Numeracy and Literacy Anchor Assignment:**

To apply literacy and numeracy skills in analyzing and solving healthcare case scenarios. Students will develop and demonstrate their abilities to interpret clinical data, communicate findings, and make informed decisions based on their analysis.

**Task:** Analyze a healthcare case scenario and write a detailed report.

* Review the provided case scenario which includes patient history, symptoms, diagnostic results, medications, and treatment options.

**Task:** Analyze numerical data related to the case scenario.

Use the provided numerical data, such as lab results, vital signs, or test scores related to the case scenario.

* Calculate key statistics such as means, medians, and ranges for the data.
* Perform any necessary calculations such as drug dosages or treatment durations.
* Create visual aids such as bar charts, pie charts, or line graphs to represent the data.
* Write a brief analysis of what the numerical data indicates about the patient’s condition and the effectiveness of proposed treatments.

**Task:** Prepare a presentation that integrates findings from Parts 1 and 2.

* **Content**:
	+ Summarize the case scenario, diagnosis, treatment plan, and data analysis.
	+ Highlight key points such as proposed treatments, expected outcomes, and data insights.
* **Visuals**:
	+ Include graphs, charts, and relevant images to illustrate your findings.
* **Available Student Industry Credential(s):** Student will be provided with 1 of the following credential opportunities:
	+ Certified Nurse Assistant (CNA) registered through the Alabama Department of Public Health upon successful completion of courses and passing of CNA written/clinical skill examination.
	+ Certified Patient Care Technician (CPCT) registered through the National Healthcareer Association upon successful completion of courses and passing of CPCT written examination.

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.

**Conferences:**

I welcome the opportunity to answer questions and concerns as well as share my own. Parent-teacher conferences may be scheduled during my planning period. These conferences may be done in person or by phone. You may schedule a conference by contacting at hscrimpshire@saralandboe.org.

Instructor: Holly Scrimpshire, RN

Remind: text code shscna25 to 81010

**Available Student Industry Credentials/Career Readiness Indicators (CRIs): (**e.g.Certified Nursing Assistant (CNA), Patient Care Technician) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**