

HALLS HIGH SCHOOL

# HEALTH SCIENCES

Mrs. Neely & Mrs. Ryan



## About our Health Science Programs

The Health Science Program is designed for High School Students that may be interested in a healthcare career.

Individuals will learn basic skills and gain knowledge about a variety of career opportunities. Each course is designed to reach a different level of skill and understanding in this growing and demanding field.

### CLASSES

- Health Science
- Medical Therapeutics
- Diagnostic Medicine
- Rehab Careers
- Clinical Internship
- Nursing Education

**\*NEW\***

- Medical Assisting
- Exercise Science



## *Medical Therapeutics*

### **GRADES 10-12**

This is a one unit course that is designed to provide the knowledge and skills needed to maintain or change the health status of an individual over time. This includes the study and skills of many different healthcare careers. This course is a prerequisite for Clinical Internship and Nursing Education for students in grades 11-12.

## *Diagnostic Medicine*

### **GRADES 10-12**

This course creates a picture of an individual's health status at a single point in time. This course studies careers in cardiology, imaging/radiography, medical laboratory, and many others. This is a fast paced course and is helpful in that it allows students an opportunity to learn more about the various diagnostic careers in medicine.

## *Health Science*

### **GRADES 9-12**

This course is designed to introduce students to the broad standards that serve as a foundation for healthcare careers and functions across health services. The units of study include Safety and Infection Control, Legal Responsibilities, Ethics, Communication and Cultural Diversity, as well as an overview of health care careers. Recommended for students enrolled in Honors or AP English.





## *Nursing Education*

### **GRADES 11-12**

This course is a capstone course

designed to prepare students to pursue careers in the field of nursing.

Upon successful completion of this course, a proficient student will be able to take the certification examination as a Certified Nursing Assistant (CNA)

## *Medical Terminology*

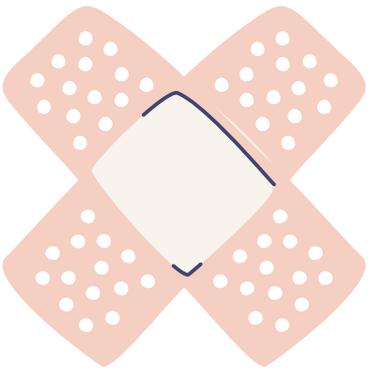
### **GRADES 11-12**

This course is a dual enrollment course designed to give students the ability to learn vocabulary building and problem solving skills by learning prefixes, suffixes, combining forms and abbreviations commonly used in the medical field. This course will assist the student in being able to communicate fluently in the language of medicine

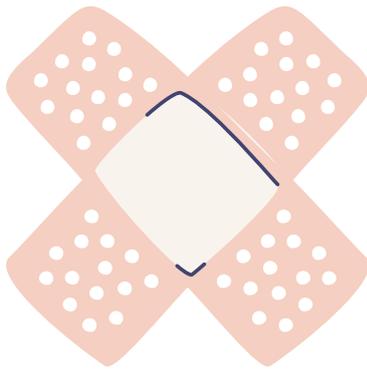
## *Clinical Internship*

### **GRADES 11-12**

This course can be taken after completing a prerequisite course in Medical, Therapeutics, Rehabilitation Careers or Diagnostic Medicine. In this course, students will have the opportunity to work in a real health care setting following medical professionals in their every day tasks. In order to qualify for this course, students must have a minimal 3.0 in the prerequisite course as well as teacher recommendations and no discipline issues



# NEW



## COURSES FOR 2021-2022

### *Exercise Science*

#### **GRADES 12**

Exercise Science is an applied course designed to prepare students to pursue careers in kinesiology and exercise physiology services. Upon completion of this course, proficient students will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts. Through these connections students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders. At the conclusion of this course, students may sit for the NETA Personal Trainer Certification exam.

### *Medical Assisting*

#### **GRADES 11-12**

This course is a capstone Medical Assisting is a level 2 or level 3 course designed to prepare students to pursue careers in medical assisting. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a medical assistant. At the conclusion of this course and an appropriate clinical internship, students may sit for the Certified Clinical Medical Assistant (CCMA) exam.