



# Principles of Health Science Course Syllabus

**Instructor:** Miguel Rangel

956-580-5300 ext. 1434

Room 230

Office Hours: 2:30pm-3:30PM

Tutoring is available at the following times and also by appointment.

Tuesday and Thursday 7:30 - 8:00 a.m.

Monday and Weds 2:30pm-3:30pm and after school 4:00pm -5:00pm

**Required supplies:**  
**to campus)**

**Due Date: 1<sup>st</sup> week of school (When we return**

- spiral notebook
- index cards
- highlighters
- color pencils
- black or blue pen/pencil
- box of tissue and bottle of hand sanitizer

## **Course Outline:**

The Principles of Health Science provides an overview of the health care industry. This course is designed to develop health care specific knowledge and skills in effective communications, ethical and legal responsibilities, hospital organizational structure and client care, safety and body mechanics, body systems, infection control measures, the life cycle, as well as, employment skills. This course will prepare students for the transition to clinical (Health Science) or certification (Practicum in Health Science) or work based experiences in health care. This course is a pre-requisite for the health science certification programs.

## **Topics Include:**

History of Healthcare  
Human Growth and Development  
Nutrition and Wellness  
Healthcare Careers  
Cultural Diversity  
Legal and Ethical Responsibilities  
Personal Traits of a Healthcare worker

Basic Medical Terminology  
Vital Signs  
Anatomy and Physiology  
Health Care Systems  
Promotion of Safety  
Infection Control

**Grading Policy:**

40% grade: Daily Grade (daily assignments, participation, and quizzes)

60% grade: Tests, Labs, and Major projects

As per SISD policy, any missed work is the student's responsibility. You will be responsible for obtaining any missed assignments, notes or handouts.

**Class Rules:**

- Be in your seat and ready to work when the bell rings.
- Take care of your personal business between classes. You have 7 minutes.
- You will not leave the room 10 minutes after the tardy bell has rung nor 10 minutes prior to the next bell.
  - Put cell phones away. Follow school policy. Be compliant.
- I will be the one to dismiss class at the end of the class period.
- Show respect to the teacher and allow fellow students to learn.
- No food or drinks (except water) are allowed in the classroom.
- No sales of food or commodities allowed.
- HSTE assignments are the only work to be done in class.
- When a visitor is in room, please show courtesy and respect.
- Raise your hand to be recognized. Do not blurt out comments and interrupt the lesson.
- Remember that your behavior should reflect credit to you and your school at all times.

**Leadership Activities:**

Health Occupations Students of America (HOSA) is the student organization that provides leadership development on the local, area, state, and national level. Participation enables the student to grow personally and to network with other students similar to professional organizations. HOSA provides opportunities to learn citizenship and participate in community service projects. HOSA is co-curricular and some leadership activities will be conducted within the classroom setting.

Membership is **optional** but **highly recommended** for all students.

Annual cost for HOSA membership: Pending  
(this fee pays for your national, state and local dues and online test)

Uniforms:

- Ladies: Navy blue skirt/pant suit, white blouse, dark hosiery, closed shoe
- Gentlemen: Navy blue suit, white collared shirt, maroon tie, dress shoe

Competitive Events: Please log in to [www.hosa.org](http://www.hosa.org) for competitive events and guidelines



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**ACKNOWLEDGMENT OF RULES**

**I have read and understand these rules and agree to abide by them. I will do my best to uphold these requirements.** (I have reviewed the rules with my son/daughter)

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**Print Student Name**

**Student Signature**

**DATE**

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**Print Parent/Guardian Name**

**Parent/Guardian Signature**

**DATE**

**It is the policy of Sharyland ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.**