



Michael E. DeBakey High School for Health Professions

Principles of Health Science-(130.202)

SYLLABUS

Instructor: Monicita Dupre

Email: mdupre@houstonisd.org

Conference Period: B4 (8th) 2:00 p.m.-2:45 p.m.

REQUIRED SUPPLIES:

1- inch three-ring binder with plastic covers front and back

Pen, Pencil, Highlighter

Dividers (10)

Resources: Digital Resources will be provided

COURSE DESCRIPTION:

Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, biotechnology research, and development systems of the healthcare industry. Students will learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students will learn that quality healthcare depends on the ability to work well with others. Students will develop a concept of health and wellness from the perspective of a health consumer as well as a potential professional in the healthcare industry.

GRADING POLICY:

Grade breakdown:

40% Tests

30% Projects and Major Classwork

20% Quizzes

10% Engagement/Participation/Professionalism

Electronic Device Policy: See School Cell Phone/Smart Watch or Electronic Device Policy.

Cell Phones/Smart Watch or any Electronic devices cannot be in the student's possession during any tests or quizzes. Cell phone use in the classroom is up to the teacher's discretion.

Course Learning Management System:

No textbooks are issued for this class. Class power points and notes are in the student POHS class digital platform.

Course Binder:

Students will be required to keep a binder and bring it to class every day. Periodic binder checks will occur as part of your six-week grade. Instructions on how the binder should be arranged will be discussed in class.

COURSE OUTLINE

FIRST SEMESTER

- 1. Orientation to Principles of Health Science**
 - a. Introduction to the DeBakey High School for Health Professions
 - b. Student Organizations
 - c. Chronicle Life of Heart Surgeon – Dr. Michael E. DeBakey
- 2. Safety**
 - a. Body Mechanics
 - b. Patient Safety
 - c. General Safety
 - d. Fire Safety
- 3. Communication**
 - a. Verbal/Nonverbal Communication Skills
- 4. Cultural Diversity**
 - a. Understanding and Respecting Cultural Diversity
- 5. Understanding Basic Human Needs**
 - a. Maslow's Hierarch of Human Needs
 - b. Life Stages
- 6. Leadership Development**
 - a. Leadership Organizations
 - b. Parliamentary Procedure
- 7. History of Medicine**
 - a. History of Healthcare
 - b. Health Care Systems

SECOND SEMESTER

- 1. Personal Qualities of a Health Care Worker**
 - a. Leadership
 - b. Teamwork
 - c. Communication
- 2. Careers in Health Care**
 - a. Self- Appraisal
 - b. Decision Making Process
 - c. Survey of Health Careers
- 3. Introduction to Medical Terminology**
 - a. Basic Word Structure
 - b. Vocabulary and Word Roots
 - c. Medical Abbreviations
- 4. Anatomy and Physiology**
 - a. Body Planes
 - b. Directional Terms
 - c. Cavities
 - d. Basic Structure of the Human Body
 - e. Overview of the Body Systems.
- 5. Medical Ethics and Legal Behavior**
 - a. Legal and Ethical Responsibilities
 - b. Patient Rights
- 6. Nutrition and Wellness**
 - a. Health Issues of Teenagers
 - b. My Plate



Student's Commitment to Course:

I, (*Print full name*) _____, have read and understood the rules and the guidelines set in the given syllabus and grading policy. I agree that if I do not comply with these rules, I will be subjected to appropriate academic or disciplinary action. By signing this form, I understand that I am acknowledging I have received a copy of the syllabus for this course.

Student's Signature: **Student's Printed Name**

Parent's Signature: _____

Telephone: _____

Email: _____