

# Michael E. DeBakey High School for Health Professions

## SYLLABUS 2008-2009

**COURSE: Introduction to Health Science Technology**

**INSTRUCTOR: M. Dupre**

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### **REQUIRED SUPPLIES:**

- 1-1/2 or 2 inch three-ring binder
- Pen and pencil, highlighter
- Dividers, paper
- (2)-3 inch set of rings (2<sup>nd</sup> semester)
- 600 index cards (3x5 cards) – 2<sup>nd</sup> semester

**Text Book and Resources: The Language of Medicine, Health Careers Today, HOT JOBS, Dean Vaughn Medical Terminology, Health Career Exploration, Introduction to Health Science, Health – Care Career Vision**

### **COURSE DESCRIPTION:**

Introduction to Health Science Technology exposes the student to the health care system through an investigation of the history of medicine, medical ethics, and preventive medicine, while providing activities in career planning and the development of life skills. By studying the historical context from which current medical practice evolved, the student develops an appreciation and understanding of technical advances and the human dimension in the biomedical field. The student is taught to view the health care system as a consumer and a potential health care professional.

### **GRADING POLICIES:**

#### **Grade breakdown**

- 45 % Major tests and Notebook grade
- 45 % Daily grades (class work, homework, quizzes, and projects)
- 10 % Professionalism

### **COURSE OUTLINE:**

#### **FIRST SEMESTER**

- 1. Orientation**
  - a. Introduction to the DeBakey High School for Health Professions
  - b. Introduction to Health Science Technology
  - c. Medical Organization – HOSA, Medical Explorers, Junior Achievement
  
- 2. SAFETY:**
  - a. Body Mechanics
  - b. Fire Safety
  - c. Patient Safety
  - d. General Safety
  
- 3. COMMUNICATION SKILLS**
  - a. Verbal/Non Verbal Communication Skills

COURSE: Introduction to Health Science Technology (continue)

4. **INTERPERSONAL SKILLS FOR HEALTH LCARE**
  - a. Human Relationships
  
5. **LEADERSHIP DEVELOPMENT**
  - a. Leadership Organizations – HOSA, Medical Explorers, Junior Achievement
  - b. Parliamentary Procedure
  
6. **HISTORY of MEDICINE**
  - a. History of Medicine
  - b. Concepts of Health and Disease

## **SECOND SEMESTER**

1. **Career Planning (Health Careers)**
  - a. Self-Appraisal
  - b. Survey of Health Careers
  - c. Health Careers Planning Projects
  - d. Educational Planning
  
2. **Medical Terminology**
  - a. Basic Word Structure
  - b. Vocabulary and Word Roots
  - c. Anatomy and Physiology Terms
  - d. Medical Abbreviations
  
3. **Medical Ethics**
  - a. Medical Ethics Topics
  - b. Medical Ethics
  
4. **Health and Wellness Promotion**
  - a. Aiming Toward Optimum Health
  - b. Health Issues of Teenagers

## **COURSE NOTEBOOK**

You will be required to keep a notebook and bring it to class with you everyday. Periodic notebook checks will be done for a six weeks grade, and at the end of the semester your notebook will be graded. This grade will count as one major test grade. To receive the maximum points allowed, please keep your notebook neat and current. Instructions on how the notebook should be arranged will be discussed in class. Notebook checks may be randomly conducted.