

## HEALTH SCIENCE SYLLABUS

**A. Course Title:** Foundations of Health Science

**B. Course Description:** Foundations of Health Science is a required one-credit course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course is the prerequisite for all the health science courses. It is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level.

**C. Prerequisite:** None

**D. Course Goals:**

1. Describe health science pathways and careers.
2. Describe roles and responsibilities of individuals as members of a health care team.
3. Compare health care delivery systems for services, types of facilities, and access to care.
4. Demonstrate safe work practices in health care, including adherence to Occupational Safety and Health Administration (OSHA) standard, observance of emergency procedures and protocol, and knowledge of body mechanics as related to the field of ergonomics.
5. Identify basic medical terms, including pronunciation, abbreviations, prefixes, suffixes and root words.
6. Describe basic structures and functions of human body systems.
7. Use effective communication skills in the field of health care, including addressing clients respectfully.
8. Use information technology applications required for health science careers.
9. Demonstrate employability traits needed in health science careers.
10. Recognize legal responsibilities, limitations, and implications within the health care setting.
11. Describe fundamentals of health promotion and wellness.
12. Demonstrate common technical skills required in the health care industry.
13. Use mathematics concepts in a health-related setting.
14. Create a personal career plan in a chosen health science pathway.

**E. Course Outline:**

Topic	Period (#wks.)	Block (#wks.)
Orientation	1	1
Medical Terminology & Medical Math	ongoing	ongoing
History of Health Care & Health Care Systems	4	2
Career Opportunities	5	3
Characteristics of HC Workers & Communication	1	1
Safety and Infection Control	6	2
Legal & Ethical	1	1
Anatomy Overview	7	3
Health & Wellness	1	1
Employability Skills	3	1

Financial Literacy	2	1
Technical Skills	5	2

**F. Culminating Projects:** History of Health Care Timeline, Health Care career project, CPR, AED Adult, Child and Infant, Body Systems project, resume, mock interview participation, demonstrate technical skills, and participate in HOSA projects.

**G. Assessment Procedures:**

Major Grades 65%

Minor Grades 35%

**H. Grading Scale:** A=90-100% B=80-89% C=70-79% D=60-69% F=0-59%

**I. CTSO:** Health Occupations Students of America (HOSA)

HOSA is a Career and Technology Student Organization recognized by the US Department of Education that provides a unique program of leadership development, motivation and recognition exclusively for secondary and post-secondary/collegiate students enrolled in Health Science Technology Education programs. Students are required to participate in local competition.

**J. Available Industry Credentials (s):** CPR, AED Adult, Child and Infant

**K. Supplies Required:** Notebook, composition book/folder, and notecards.

**L. Fees:** \$25.00 for class fee, \$20.00 for HOSA membership

**M. Teacher Procedures for Class A Violations:**

**Step 1: Student Teacher conference**

**Step 2: Parent Notification**

**Step 3: Parent-Teacher-Administration conference**

**Step 4: Referral to Office as Habitual Class A Offender**

**All other classes of violations will receive an office referral for 1<sup>st</sup> offense.**

**For the protection of our students, we will follow all ACBOE'S guidelines.**