

HEALTH SCIENCE COURSE SYLLABUS

Course Title: Foundations of Health Science

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.

Career and technical student organizations are integral, co curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

CTSO: HOSA-Future Health Professionals*

*All students are encouraged to join HOSA. Membership is optional, not required. HOSA dues are \$ ____ per year.

Prerequisites: None.

Course Goals:

Students will learn how to:

Follow safety procedures

Perform quality work

Demonstrate quality behavior

Demonstrate knowledge of Health Science standards with a minimum of _____ % accuracy

Develop skills needed to be a contributing and productive member of society

Essential Question(s): How will integrating and incorporating medical terminology into instruction regarding human body structures and functions and the disease process assist a health care worker succeed in the 21st century?

Course Outline:

Week 1 Orientation/ Safety

Week 2 Employability Skills

Week 3 Career Opportunities

Week 4 Medical Terminology

Week 5 Anatomy Overview

Week 6 Communication Skills

Week 7 Legal and Ethical Implications

Week 8 Health and Wellness

Week 9 Technical Skills

Week 10 Technical Skills

Week 11 Financial Literacy

Week 12 Review and Tests

Instructional Philosophy: The Health Science philosophy is to provide an environment for developing proper skills, knowledge, safety habits, work ethics and pride in achievements.

Students will be expected to meet all of the course goals and to demonstrate their understanding of the underlying concepts. The instruction will be lecture, videos, computers, demonstration, question and answer, laboratory, guest speakers and hands on application. The course requires students to use academic skills, such as Mathematics, Science, and Language Arts. Students will be expected to take part in discussions, work in groups, work individually, and complete homework assignments and complete assignments on time.

Assessment Procedures: Student assessment will be based on attendance and participation in class, daily work, performance tests when applicable, and course projects. If necessary, students will be provided remediation for course standards. Students will complete all course requirements at a minimum of ____% accuracy to pass the course.

Grading Scale:

Syllabus Sample Foundations of Health Science

Culminating Product(s): (e.g. Completed Job applications, Resumes) _____

Embedded Numeracy Anchor Assignment: (e.g. Assignment to improve student mathematical skills in a Project Based Learning environment through technical related activities that prepare students for successful transition into a high demand, high wage occupation and/or continuance of training through post-secondary instruction) Hint: Consider a nutrition based project based learning module where math is used in several aspects like calorie/other nutrient counting, target heart rate, BMI, height/weight measurement and conversions.

Embedded Literacy Anchor Assignment: (e.g. Assignment to improve student reading, writing, & comprehension skills in a Project Based Learning environment through technical related activities that prepare students for successful transition into a high demand, high wage occupation and/or continuance of training through post-secondary instruction) Hint: Use CTSO Competitive Event Guidelines like Research Poster or Healthy Lifestyle as great examples

Available Student Industry Credentials/Career Readiness Indicators (CRIs): (e.g. Cardiopulmonary Resuscitation (CPR) certification, AED, OSHA 10, First Aid) _____

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____