



Phone: 713-688-1361

Website: www.houstonisd.org/waltrip

Health Science Theory Course Syllabus 2022-23

Instructor: L. Almanza

Email: linda.almanza@houstonisd.org

Room: 1316

Office Hours: Monday (3:25pm-4:10pm) & Tues-Fri (1:50pm-2:35 pm)

Course Content

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

Text

The textbooks for the course are as follows:

- Cengage platform, coming soon

About the Teacher

I was born and raised in Houston. I worked at HEB as a pharmacy technician for 18 years. Got recruited to work for HISD teaching health science. I graduated from University of Houston Downtown with a Bachelor of Science in psychology in 2021. I am currently taking courses toward a master's degree in curriculum and instruction at Houston Baptist University.

Ongoing Objectives

- The student demonstrates professional standards/employability skills as required by business and industry.
- The student describes academic requirements necessary for employment in the health science industry.
- The student analyzes and evaluates communication skills for maintaining healthy relationships throughout the life span.

Portfolio

You are required to maintain an organized portfolio for the course. It will be submitted as a grade during each grading cycle. Portfolio dividers, including electronic portfolios, will be discussed in class.

Grading Scale

Everything has a point value. If a vocabulary quiz has 11 questions, there are 11 possible points for you. If a section test has 20 questions, there are 20 possible points for you. If an exam has 72 questions, there are 72 points. Simply divide the points you receive by the number of possible points to get your percentage.

Attendance and Participation

Attendance and participation are required; it is difficult to learn the content if you are not present in class. Your class participation and attendance can be a deciding factor if your class average straddles two grades. Be sure to see me about any missed work if you are absent.

Daily Required Materials

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| 1. laptop | 2. pen | 3. Spiral notebook | 4. paper |
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Unit Overviews

Unit 1: Maintaining a Safe Environment

Students are expected to explain protocol related to hazardous materials and situations and have the ability to observe and report unsafe conditions they might encounter. Regulation from the World Health Organization, Centers for Disease Control and Prevention, Occupational Safety and Health Administration, U.S. Food and Drug Administration, Joint Commission, and National Institute of Health will be explained. The benefits of recycling and waste management for cost containment and environmental protection will be analyzed.

Unit 2: Meeting Employer Expectations in Health Science

This unit is designed to inform future Health Science students about industry expectations for employability skills and professional standards. Students also examine the specific requisites for employment in the Health Sciences along with the specific steps necessary to become employed in Health Science.

Unit 3: Applying Academic Standards in Health Science

In this unit students learn how to apply other academic areas such as mathematics, science, English language arts, and social studies in health science. Using these skills to interpret, summarize and explain complex and technical material is the goal. The global impact of disease prevention and cost containment is also researched. Students are expected to communicate using correct medical terminology and have the ability to do mathematical calculations appropriate to a health-related environment.

Unit 4: Health Science Communication Skills

Students in this unit will analyze the importance of good communication skills, not only in the workplace but their personal life as well. Verbal, non-verbal, and electronic communications will be explored along with potential barriers to communication. Students will demonstrate the effectiveness of conflict resolution techniques in various simulated situations. The importance of communication skills in maintaining healthy relationships throughout life is emphasized.

Unit 5: Health Science Documents and Records

This unit teaches students how to compile and record health related data according to industry-based standards. Students will also research document formats and learn how to access and process information in the permanent record of the health informatics system. Students will simulate the proper reporting of information to proper authorities according to facility policy.

Unit 6: Decision Making and Problem Solving in Health Science

Students in this unit learn the skills necessary for effective problem solving and decision making. Students have the opportunity to identify a problem and walk thru the steps to effectively solve it. Time is also spent on analyzing the outcomes and modifying future decisions based on those outcomes.