

Principles of Health Science Theory

Course Syllabus

Instructor: Darci Cosentino

Location: Room 225

Office Hours: Monday- Friday 0800-1555

Office Phone: (817)220-3888

Tutorials: By Appointment Only

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Course Description: The mission of the Principles of Health Science course is to give an introduction to Health Science that will inspire the student to either continue education at an institution of higher learning, or to pursue certification from the LTHS CTE program; thus enabling students to become productive students in the health care field dramatically improving the quality of wellness in their community.

Learning Outcomes:

Upon successful completion of this course, students will be able to:

- The student identifies the technology used in the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems.
- The student converts units between systems of measurement with ease.
- The student applies mathematics, science, ELA, and social studies to the health care profession.
- The student implements the leadership skills necessary to function in the health care profession.

- The student identifies components of effective and non-effective communication.
- The student evaluates and understands the history of and the future of the health care profession.
- The student interprets ethical behavior standards and legal responsibilities.
- The student assesses career options and the preparation necessary for employment in the health care profession

Course Schedule:

- Health Care Systems and History of Health Care
- Careers in Health Care
- Anatomy and Physiology (Body Planes, Directional Terms, Cavities)
- Basic Medical Terminology
- Anatomy and Physiology (Basic Structure of the Human Body, Skeletal & Muscular System)
- Personal Qualities of a Health Care Worker
- Legal and Ethical
- Human Growth and Development
- Anatomy and Physiology (Cardiovascular and Respiratory System)
- Vital Signs
- Anatomy and Physiology (Digestive System)
- Nutrition and Wellness
- Promotion of Safety
- First Aid and CPR
- Infection Control
- Cultural Diversity
- Anatomy and Physiology (Urinary and Reproductive System)

Grading Scale: Our grading policy is at least 9 daily grades (they want us to call them formative assessments this year) which count for 50% of their grade and 3 test grades (call them summative assessments, like actual tests, projects, etc.) that also count for 50% of their grade. Semester exams would be 10% of their final grade. The number of days you are absent is how long you will have to complete the assignment for full credit. Late work will be accepted up to 3 days with maximum grade of 70 Day 4 is an automatic ZERO.

Late Assignments: You have three days from due date to turn in work for a max grade of 70. Day 4 after the due date is an automatic **ZERO**.

Absences: You have the number of days you were absent to make up your work.

Corrections: Any grade below 70 can be corrected within three days from when the grade was entered in Skyward.

See student handbook for grading policy and LATE assignment policy

Student Conduct:

I am so excited to be teaching this class, and to be exposing you to the extremely diverse world of health care! This class is the first step of several to either prepare you for a career in the health care industry, or to prepare you for an institution of higher learning. By choosing to take this class, you are showing that you have a desire to pursue a career in the health care field. That being said, I will hold you to a very high standard, and I expect you to act in a very mature manner at all times. We will be talking and learning about real world things, so real world terminology will be used. Mannequins and diagrams will be anatomically correct, and I expect you to be mature enough to handle that.

Syllabus Confirmation

Please sign and return this form. Signatures will serve as acknowledgement that the student and parents have read and understand the course syllabus. This acknowledgement form must be returned in order to participate in any labs.

Student Name: _____

Student Signature: _____

Student Email: _____ Date: _____

Parent Name: _____

Parent Email: _____

Daytime Phone: _____

Parent Signature: _____ Date: _____