

Health Science 1: The Whole Individual (CTE-050-300-001)

CTE Syllabus

Course Description

Health Sciences: The Whole Individual

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in identifying and treating diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Prerequisites

There are no prerequisites for this course.

Course Materials

All the material you need is included in this course.

Course Outcomes

After successful completion of this course, students will be able to do the following:

1. Discuss and explain the history of health science and the different areas of the field.
2. Discover and explore professions in healthcare.

3. Identify and explain the different stages of the human life span.
4. Learn about AEDs, CPR, and other first-aid practices.
5. Examine and consider preventative medicine, medical practices, and alternative medicine.
6. Examine what it means to be a part of a healthcare team.
7. Learn and explore different types of communication in the healthcare field.
8. Identify and examine healthcare law and ethics.
9. Learn some of the common risks associated with being in a healthcare profession.
10. Define medical terminology.

Grading and Assignments

The letter grade in this course will be based on these assignments and exams.

Assignment or Exam	Grading	Percent of Total Grade
Critical Thinking Journal	Teacher-Graded	20%
Labs	Teacher-Graded	20%
Unit Quizzes	Teacher-Graded	25%
Unit Activities	Computer-Graded	15%
Midcourse Quiz and Final Exam	Computer-Graded	20%

Students must pass the final exam to earn credit for the course. They may retake the final exam once for a fee.

Due Dates

The due dates in the course are only suggestions to help the students pace themselves. You do *not* need to complete assignments, quizzes, and exams by the due date set in the course.

Critical Thinking Journal

Each unit will have five critical thinking journal prompts. These are questions that students are asked to respond to based on what they have learned in the lessons. The journal is submitted in two places of the course: at the end of unit 5 and in unit 10.

Labs

Each unit has a lab. The lab may be an activity or a set of questions. Students will submit their labs in each unit.

Unit Activities

In units 4 and 10, there are unit activities. This activity allows the students to explore deeper into the unit's content.

Unit Quizzes

At the end of each unit, there is a unit quiz. The questions in each unit quiz cover all of the lesson material of that unit.

Midcourse Quiz

After unit 5, there is a midcourse quiz. This quiz covers the first five units and consists of fifty questions.

Final Exam

After unit 10, students will take a final exam that covers units 6 through 10. Students must pass the final exam to earn credit for the course; they may retake it once, for a fee, upon request.

Course Grade

The letter grade will be calculated according to these percentages.

Percent-to-Letter Grade Calculation	
A	100%–93%
A–	<93%–90%
B+	<90%–87%
B	<87%–83%
B–	<83%–80%
C+	<80%–77%
C	<77%–73%
C–	<73%–70%
D+	<70%–67%
D	<67%–63%
D–	<63%–60%
F (fail)	<60%–0%