

Introduction to Health Science

Course Number: CE3601

Grade Level: 9–12

Credits: 1.0

Prerequisite Courses: None

Course Description

This course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology; anatomy and physiology; pathologies; diagnostic and clinical procedures; therapeutic interventions; and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

Course Objectives

Throughout the course, you will meet the following goals:

- Build health science skills that can create the foundations for a health science career
- Use health science protocols to identify patient needs and appropriate standards of care
- Identify the organization, purpose, and outcomes of a variety of health care delivery systems
- Examine the human body to explain its organization, functions, diseases, and disorders

Student Expectations

This course requires the same level of commitment from you as a traditional classroom course would. Throughout this course, you are expected to spend approximately five to seven hours per week online on the following activities:

- Interactive lessons that include a mixture of instructional videos and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including tests and cumulative exams

Communication

Your teacher will communicate with you regularly through discussions, e-mail, chat, and system announcements. Through this communication with your teacher, you will monitor your progress through the course and improve your learning by reviewing material that was challenging for you.

You will also communicate with classmates, either via online tools or face to face, as you do the following:

- Collaborate on projects
- Ask and answer questions in your peer group
- Develop speaking and listening skills

Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

Assignments	60%
Labs	0%
Lesson Quizzes	0%
Unit Tests	30%
Cumulative Exams	10%
Additional	0%

Scope and Sequence

When you log into the Virtual Classroom, you can view the entire course map, which provides a scope and sequence of all topics you will study. Clicking a lesson's link in the course map leads to a page listing instructional activities, assignments, and learning objectives specific to that lesson. The units of study are summarized below.

- Unit 1:** Health Science Pathways and Careers
- Unit 2:** Pursuing Health Science Careers
- Unit 3:** Ethics and Law
- Unit 4:** Healthcare Systems
- Unit 5:** Patient Care
- Unit 6:** Health and Wellness
- Unit 7:** The Human Body
- Unit 8:** Safety in the Workplace
- Unit 9:** First Aid
- Unit 10:** Communication, Leadership, and Teamwork
- Unit 11:** Health Science Career Skills
- Unit 12:** Technology in Health Science