



Health Science 1 Syllabus

Course Details

Course Code: 555000CW

Subject: CTE, Health Sciences Cluster

Required Prerequisites: None

Suggested Prerequisites: According to state standards, it is recommended that students successfully pass Biology prior to taking Health Science 1.

Recommended Grade Levels: 9th through 12th

Duration: Semester

Course Availability: A listing of when this course is offered in the current school year can be found on the [VirtualSC Current Course Offerings page](#) (opens in a new window).

Class Times: This course has scheduled instructional meetings. Information on scheduled meetings for each course is communicated by the teacher. Recordings of these meetings will be available for students unable to attend. Students should expect to spend 7-9 hours a week working on this course independently, in addition to any live meetings, and are expected to meet the deadlines posted in the course pacing guide.

Textbook: Simmers, L., Simmers-Nartker, K., & Simmers-Kobelak, S. (n.d.). Simmers DHO Health Science (8th ed.). Cengage Online Textbook.

Required Course Materials: None

Outside Websites: A list of links to websites and online textbooks used in this course can be found here: [VSC Course Links Document Folder \(opens in a new window\)](#). Students will need to be able to access all of these links to access all course materials.

Final Exam: Students in this course take a VirtualSC final exam. Details on scheduling and taking final exams can be found on the [Final Exam Page](#) (opens in a new window) of the VirtualSC webpage.

Course Description

Health Science 1 is the first of four courses offered to students interested in pursuing a career in healthcare. Students are introduced to the history of healthcare, various careers in healthcare, ethical aspects of healthcare, professionalism, communication, and so much more. Students get a grasp of where healthcare has been and where it is going. The skills and knowledge that students learn in Health Science 1 will serve to prepare them for future coursework in the Health Science pathway.

The curriculum used in this course is guided by the [South Carolina CATE Standards for Health Science 1](#) (opens in a new window).

Scope and Sequence

- Orientation & Introduction
- Unit 1: History and Trends in Health Care
- Unit 2: Health Care Systems
- Unit 3: Careers in Health Care
- Unit 4: Personal and Professional Qualities of Healthcare Workers
- Unit 5: Cultural Diversity
- Unit 6: Medical Terminology
- Unit 7: Promotion of Safety
- Unit 8: Infection Control
- Unit 9: Vital Signs
- Unit 10: First Aid
- Unit 11: Computers and Technology in Health Care
- Unit 12: Preparing for the World of Work
- Unit 13: Medical Math
- Final Exam

Students will be sent a full list of assignments and their due dates at the beginning of the course.

Current pacing guides for this course can be found on the [Current Course Offerings page](#) (opens in a new window) on the VirtualSC website.

Course Grades

The final grade in this course results from the following:

- Coursework: 80%
- Final Exam: 20%

VirtualSC Details

Information on VirtualSC student guidelines, policies and technology requirements can be found in the [VirtualSC Student Support Portal \(opens in a new window\)](#).