



Health Science 3 Syllabus

Course Details

Course Code: 555200CW

Subject: CTE, Health Sciences Cluster

Required Prerequisites: Health Science 1 or Sports Medicine 1

Suggested Prerequisites: None

Recommended Grade Levels: 11th & 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: Scott, A. S., & Fong, E. (n.d.). Body Structures and Functions (12th ed.). Cengage Learning.

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 3 acquaints students with basic anatomy and physiology of the human body. Students learn how the human body is structured and the function of each of the

12 body systems. Students will study the relationship that body systems have with disease from the healthcare point of view. This is a very “hands on” course and students will learn through projects and activities in the classroom. Skill procedures and foundation standards are reviewed and integrated throughout the program. Job shadowing is encouraged. This course does not count as a lab science.

The curriculum used in this course is guided by the [South Carolina CATE Standards for Health Science 3: Human Structure and Function](#) (opens in a new window).

Scope and Sequence

- ☐ Course Overview & Introduction
- ☐ Unit 01: Introduction to the Structural Units
- ☐ Unit 02: Integumentary System
- ☐ Unit 03: Skeletal System
- ☐ Unit 04: Muscular System
- ☐ Unit 05: Nervous System
- ☐ Unit 06: Special Senses
- ☐ Unit 07: Endocrine System
- ☐ Unit 08: Cardiovascular System
- ☐ Unit 09: Lymphatic and Immune Systems
- ☐ Unit 10: Respiratory Senses
- ☐ Unit 11: Digestive System
- ☐ Unit 12: Urinary System
- ☐ Unit 13: Reproductive System
- ☐ Unit 14: Final Exam

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 \(opens in a new window\)](#).