

Health Science 1 Course Outline and Standards

Note: This is a TENTATIVE outline. This outline will be modified and adjusted as needed!! Complete standards can be viewed at:

<http://ed.sc.gov/agency/programs-services/148/documents/HealthScience1Standardsfinal.pdf>

Week One: Class Orientation – Standards 8.1-8.5, 7.5, 11.1

Semester block- 1-2 class periods/

A-B block 3-4 class periods

- Student/Teacher expectations
- Classroom rules/procedures
- School Safety Instructions
- Teamwork
- Job Shadowing

Unit 1: Promotion of Safety- Standards 7.2a-d

Semester block: 4-5 class periods

A-b block: 6-7 class periods

Ergonomics

Fire Safety

Chemical Safety

Electrical Safety

Disaster Preparedness

PPE

Unit 2: Health Care Career Exploration -Standards 4.4, 4.6, 3.5, 3.6, 4.7

Semester block: 4-5 class periods

A-b block: 6-7 class periods

Explore the five health science career pathways

Recognize educational, license, and credentialing requirements

Job seeking skills/ Digital portfolio

Unit 3: Qualities of Health Care Workers – Standards 2.1, 2.3-2.5; 2.7

4.1, 4.2, 8.1-8.3

Semester block: 2-3 class periods

A-b block: 3-4 class periods

- Communication
- Teamwork
- Personal appearance and characteristics
- Professional standards

Unit 4 Health Maintenance Practice-Standards 9: 1-3

Semester block: 2-3 class periods

A-b block: 3-4 class periods

Promote behaviors of health and wellness

Examine various aspects of behavioral health.

Describe strategies for prevention of diseases.

Investigate complementary and alternative health practices

Unit 4: Cultural Diversity – *Standards 2.2, 6.3*

Semester block: 1-2 class periods

A-b block: 3-4 class periods

- Diversity of cultures
- Variations in healthcare

Unit 5: Infection Control - Standards: 7.1a-d

Semester block: 4-5 class periods

A-b block: 5-7 class periods

Pathogens

Chain of infection

Asepsis/ aseptic technique

Unit 5: Vital Signs– Standards 10.1, 10.2

Semester block: 4-5 class periods

A-b block: 5-7 class periods

- Recording temperature, pulse, respiration
- Use of Snellen chart
- Introduction to first aid

Unit 6: Stop the Bleed

The following will be taught throughout the semester:

Technology Applications – Chapter 16;

Standards 11.1-11.2

Medical Math –

Standards 1.1-1.5

Medical Terminology:

Standard 2.7