

An instructional framework provides educators with a list of benchmark statements aligned to Common Core and national content area standards for a given course or program. The Health Science I Instructional Framework lists a sequence of content for Health Science I, organized into distinct units of instruction with component evidence of mastery statements.

Health Sciences I Instructional Framework

A. Academic Foundation	National Health Skill Standards
1. Apply mathematical computations related to healthcare procedures (metric and household, conversions and measurements).	1.31
2. Analyze diagrams, charts, graphs, and tables to interpret healthcare results.	1.32
3. Record time using the 24-hour clock.	1.33
B. Communications	
1. Interpret verbal and nonverbal communication.	2.11
2. Recognize barriers to communication.	2.12
3. Report subjective and objective information.	2.13
4. Recognize the elements of communication using a sender-receiver model.	2.14
5. Apply speaking and active listening skills.	2.15
6. Use roots, prefixes, and suffixes to communicate information.	2.21
7. Use medical abbreviations to communicate information.	2.22
8. Recognize elements of written and electronic communication (spelling, grammar, and formatting).	2.31
C. Systems	
1. Understand the healthcare delivery system (public, private, government, and non-profit).	3.11
2. Explain the factors influencing healthcare delivery systems.	3.12
3. Describe the responsibilities of consumers within the healthcare system.	3.13
4. Explain the impact of emerging issues such as technology, epidemiology, bioethics, and socioeconomics on healthcare delivery systems	3.14
5. Discuss common methods of payment for healthcare.	3.15
D. Employability Skills	
1. Classify the personal traits and attitudes desirable in a member of the healthcare team.	4.11
2. Summarize professional standards as they apply to hygiene, dress, language, confidentiality and behavior.	4.12
3. Apply employability skills in healthcare.	4.21
4. Discuss levels of education, credentialing requirements, and employment trends in healthcare.	4.31
5. Compare careers within the health science career pathways (diagnostic services, therapeutic services, health informatics, support services, or biotechnology research and development).	4.32
6. Develop components of a personal portfolio	4.41
7. Demonstrate the process for obtaining employment	4.42

E. Legal Responsibilities	
1. Analyze legal responsibilities.	5.11
2. Apply procedures for accurate documentation and record keeping.	5.12
3. Apply standards for Health Insurance Portability and Accountability Act (HIPAA).	5.21
4. Describe advance directives.	5.22
5. Summarize the Patient's Bill of Rights.	5.23
6. Understand informed consent.	5.24
7. Explain laws governing harassment, labor and scope of practice.	5.25
F. Ethics	
1. Differentiate between ethical and legal issues impacting healthcare.	6.11
2. Recognize ethical issues and their implications related to healthcare.	6.12
3. Apply procedures for reporting activities and behaviors that affect the health, safety, and welfare of others.	6.21
4. Understand religious and cultural values as they impact healthcare.	6.31
5. Demonstrate respectful and empathetic treatment of ALL patients/clients (customer service).	6.32
G. Safety Practices	
1. Explain principles of infection control.	7.11
2. Describe methods of controlling the spread and growth of microorganisms.	7.12
3. Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations.	7.21
4. Apply principles of body mechanics.	7.22
5. Comply with safety signs, symbols, and labels.	7.41
6. Understand implications of hazardous materials.	7.42
7. Practice fire safety in a healthcare setting.	7.51
8. Apply principles of basic emergency response in natural disasters and other emergencies.	7.52
H. Teamwork	
1. Understand roles and responsibilities of team members.	8.11
2. Recognize characteristics of effective teams.	8.12
I. Health Maintenance Practices	
1. Apply behaviors that promote health and wellness.	9.11
2. Describe strategies for the prevention of diseases including health screenings and examinations.	9.12
3. Discuss complementary (alternative) health practices as they relate to wellness and disease prevention.	9.13
J. Information Technology Applications	
1. Communicate using technology to access and distribute data and other information.	11.21
2. Maintain the security and confidentiality of electronic patient information adhering to workplace policies.	11.22