



# Health Science 2

## South Carolina 5551

*This document provides the correlation between HealthCenter21 interactive e-learning curriculum, and the Health Science 2 standards, published by the state of South Carolina.*



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# HealthCenter21 Template

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## Medical Terminology

Word Search Puzzle  
Word Parts: Roots  
Word Parts: Suffixes and Prefixes  
Abbreviations  
Anatomic References  
Reflection Questions and Discussion  
Worksheet & Crossword Puzzle  
Current Event

## Medical Mathematics

Basic Math Review Worksheet  
Number Basics  
Key Calculations  
Measurement Systems  
Medications  
Temperature and Time  
Charts and Graphs  
Reflection Questions and Discussion  
Review Worksheet  
Current Event

## Human Growth and Development

Dealing with Death and Grief  
Genetics  
Prenatal and Neonatal  
Childhood  
Adolescence and Adulthood  
Aging and Death  
Reflection Questions and Discussion  
Family Health Tree  
Heirarchy of Needs  
Information Brochure  
Current Event

## Communications

Communications Game  
Basic Communication  
Interpersonal Communication  
Communication Barriers  
Communicating with Patients  
Documentation  
Communication Technology  
Reflection Questions and Discussion  
Communication Skits  
Culture/Religion Presentation  
Taking Phone Messages  
Communication Diversity Skit  
Current Event

## Written Communication

Written Communication Activity  
Processing Incoming Mail  
Written Communication  
Types of Written Communication  
Outgoing Mail  
Reflection Questions  
Creating Written Communication Activity  
Current Event

## Health Care Systems

Analyze Health Care Facilities  
History of Health Care  
Systems in Health Care  
Health Care Delivery Systems  
Health Insurance  
Reflection Questions and Discussion  
Write a Goal Using System Theory  
Talk Show  
Health Care Innovations Debate  
Comparison Infograph  
Payment Methods  
Current Event



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## Admissions, Transfers, and Discharges

Empathy for a Patient's Anxiety  
Patient Concerns  
Admissions  
Transfers and Discharges  
Communication Exercise  
Reflection Questions and Discussion  
Admissions Facility Tour  
Patient Care Scenarios  
Current Event

## Medical Office Assistant

Communication Game  
Introduction to Medical Office Assisting  
Professional Traits  
Legal Responsibilities  
Communication Exercise  
Reflection Questions  
Personal/Professional Qualities Skit  
Current Event

## Job Seeking Skills 2014

Applications and Resumes  
Interviews and Resignation

## Personal Qualities

Work Attire  
Personal Characteristics  
Health Care Team  
Personal Management Skills  
Reflection Questions and Discussion  
Health Care Problem Solving Scenarios  
Team Invention  
Conflict Resolution Scenarios  
Health Care Team Meeting  
Current Event

## Legal and Ethical Responsibilities

Confidentiality Role Play  
Civil and Criminal Law  
Privacy and Security  
Advance Directives and Client Rights  
Liability and Ethics  
Workplace Law  
Reflection Questions and Discussion  
Advanced Directives (Create a Living Will)  
Ethics Debate  
Code of Ethics  
Scope of Practice  
Current Event

## Medical Records

Medical Records Word Search  
Medical Records  
Filing Equipment and Systems  
Alphabetical and Numerical Filing  
Medical Records Management  
Reflection Questions  
Medical Records Practice  
Current Event

## Health Information Technology

HIT Terminology  
Health Information Technology Overview  
Electronic Health Records  
Health Insurance Portability and Accountability Act (HIPAA)  
Reflection Questions and Discussion  
Current Event



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## Safety Precautions

Greet, Identify & Explain a Procedure  
Body Mechanics  
Safety Guidelines and Regulations  
Environmental Safety  
Reflection Questions and Discussion  
Safety Guideline Poster  
Current Event

## Infection Control

Hand Washing  
Introduction to Infection Control  
Standard Precautions  
Transmission-Based Precautions  
Sterile Technique  
Reflection Questions and Discussion  
Hand Washing  
Observing Microorganism Growth  
Chain of Infection Poster  
Current Event

## Bloodborne Pathogens

Bloodborne Pathogens Misconceptions  
HIV, AIDS, and Hepatitis  
Standard Precautions  
Bloodborne Pathogens Standard  
Reflection Questions and Discussion  
Bloodborne Health Brochure  
Current Event

## Wellness and Nutrition

Wellness Role-play and Discussion  
Wellness  
Nutrition  
Health Care  
Stress and Planning for Wellness  
Reflection Questions and Discussion  
Wellness Campaign  
Stress Reduction  
Create a Board Game  
Public Service Reminder  
Current Event

## Client Status

Explore  
Vital Signs and Body Measurements  
Temperature  
Pulse  
Respiration  
Blood Pressure  
Reflection Questions and Discussion  
Examining Vital Signs  
Current Event

## CPR Methods 2009

Basic Adult CPR  
Pediatric CPR  
Airway Obstructions  
Review Challenge

## Emergency Care

Explore  
Introduction to Emergency Care  
Injury Care Techniques  
Shock and Bone/Joint Injuries  
Wounds and Burns  
Foreign Bodies and Poison  
Extreme Temperatures  
Sudden Illnesses  
Reflection Questions and Discussion  
Emergency Scenarios  
Current Event

## Office Equipment

Office Equipment Guessing Game  
Computers  
Other Equipment  
Maintenance and Troubleshooting  
Office Supplies  
Reflection Questions  
Inventory and Purchasing Activity  
Current Event

<b>1. Foundation Standard 1: Academic Foundation - Healthcare professionals will know the academic subject matter required for proficiency within their area. They will use this knowledge as needed in their role. The following accountability criteria are considered essential for students in a health science program of study.</b>	<b>4 / 5</b>
1. Analyze diagrams, charts, graphs, and tables to interpret healthcare results.	
2. Recognize body planes, directional terms, cavities and quadrants.	Medical Terminology
3. Perform mathematical applications to determine vital sign applications and basic pharmacology equations.	Medical Mathematics
4. Recognize physical, mental, social, and emotional development through the life span and identify patient needs at each developmental stage.	Human Growth & Development
5. Identify stages of death and dying.	Human Growth & Development
<b>2. Foundation Standard 2: Communications - Healthcare professionals will know the various methods of giving and obtaining information. They will communicate effectively, both orally and in writing.</b>	<b>4 / 4</b>
1. Report subjective and objective information.	Communications
2. Use medical terminology and medical math to communicate information. Oral and written.	Medical Terminology
3. Recognize elements of written and electronic communication (spelling, grammar, formatting, and confidentiality).	Written Communication
4. Document, report, and communicate in a straightforward, understandable, accurate, and timely manner. (understanding how to correct errors, read labels and report information and data)	Communications

<b>3.</b>	<b>Foundation Standard 3: Systems - Healthcare professionals will understand how their role fits into their department, their organization, and the overall healthcare environment. They will identify how key systems affect services they perform and quality of care.</b>	<b>3 / 4</b>
1.	Explain factors influencing healthcare delivery systems.	Health Care Systems
2.	Describe responsibilities of consumers within the healthcare system related to admission, discharge, and follow-up.	Admissions, Transfers, & Discharges Health Care Systems
3.	Explain the impact of emerging issues such as technology, epidemiology, genetics, bioethics, and socioeconomics on healthcare delivery systems.	
4.	Identify the importance of an organizational structure in health care.	Health Care Systems Medical Office Assistant
<b>4.</b>	<b>Foundation Standard 4: Employability Skills - Healthcare professionals will understand how employability skills enhance their employment opportunities and job satisfaction. They will demonstrate key employability skills and will maintain and upgrade skills, as needed.</b>	<b>2 / 4</b>
1.	Demonstrate process for obtaining employment.	Job Seeking Skills 2014
2.	Demonstrate employability skills (as they apply to hygiene, dress, language, confidentiality, behavior and work ethic)	Job Seeking Skills 2014 Personal Qualities
3.	Expand components of a personal portfolio (letter of introduction, resume, healthcare project, writing sample, work-based learning, oral presentation, service learning, credentials, technology, and leadership experience).	
4.	Participate in healthcare work-based learning experiences (guest speakers, virtual tours, job shadowing, blood drives, community service projects, etc.).	

<p><b>5. Foundation Standard 5: Legal Responsibilities - Healthcare professionals will understand the legal responsibilities, limitations, and implications of their actions within the healthcare delivery setting. They will perform their duties according to regulations, policies, laws, and legislated rights of clients.</b></p>	<p><b>4 / 4</b></p>
<p>1. Analyze legal responsibilities and explain laws governing harassment, labor and scope of practice.</p>	<p>Legal &amp; Ethical Responsibilities</p>
<p>2. Apply procedures for accurate documentation and record keeping.</p>	<p>Communications Health Information Technology Medical Records</p>
<p>3. Apply standards for Health Insurance Portability and Accountability Act (HIPAA).</p>	<p>Health Information Technology Legal &amp; Ethical Responsibilities</p>
<p>4. Describe advance directives, informed consent and explore the Patient's and Residents Bill of Rights.</p>	<p>Legal &amp; Ethical Responsibilities</p>
<p><b>6. Foundation Standard 6: Ethics - Healthcare professionals will understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment. They will perform quality healthcare delivery.</b></p>	<p><b>3 / 3</b></p>
<p>1. Discuss bioethical issues related to healthcare.</p>	<p>Legal &amp; Ethical Responsibilities</p>
<p>2. Apply ethical behaviors in healthcare including personal, professional, and organizational ethics.</p>	<p>Legal &amp; Ethical Responsibilities Personal Qualities</p>
<p>3. Discuss procedures for reporting activities and behaviors that affect health, safety, and welfare of others.</p>	<p>Legal &amp; Ethical Responsibilities Safety Precautions</p>

<b>7. Foundation Standard 7: Safety Practices - Healthcare professionals will understand the existing and potential hazards to clients, coworkers, and self. They will prevent injury or illness through safe work practices and follow health and safety policies and procedures.</b>	<b>4 / 5</b>
1. Demonstrate principles of infection control related to Transmission Based Precautions (gowns, gloves, masks, etc). Recognize the difference between Transmission Based Precautions and Standard Precautions.	Bloodborne Pathogens Infection Control
2. Define and understand language associated with Infection control, including medical and surgical asepsis.	Infection Control
3. Apply principles of body mechanics and patient safety during transfers and positioning and in all areas of healthcare activities.	Safety Precautions
4. Discuss implications of hazardous materials.	Safety Precautions
5. Summarize principles of basic emergency response in natural disasters or other emergencies.	
<b>8. Foundation Standard 8: Teamwork - Healthcare professionals will understand the roles and responsibilities of individual members as part of the healthcare team, including their ability to promote the delivery of quality healthcare. They will interact effectively and sensitively with all members of the healthcare team.</b>	<b>5 / 5</b>
1. Demonstrate teamwork throughout class and lab activities.	Personal Qualities
2. Respect interdisciplinary roles of team members.	Personal Qualities
3. Recognize characteristics of effective teams.	Personal Qualities
4. Recognize methods for building positive team relationships.	Personal Qualities
5. Act responsibly as a team member	Personal Qualities



<b>9.</b>	<b>Foundation Standard 9: Health Maintenance Practices - Healthcare professionals will understand the fundamentals of wellness and the prevention of disease processes. They will practice preventive health behaviors among the clients.</b>	<b>3 / 3</b>
1.	Apply behaviors that promote health and wellness.	Wellness & Nutrition
2.	Describe strategies for prevention of diseases including health screenings and examinations.	Wellness & Nutrition
3.	Apply practices that promote prevention of disease and injury.	Wellness & Nutrition
<b>10.</b>	<b>Foundation Standard 10: Technical Skills - Healthcare professionals will apply technical skills required for all career specialties. They will demonstrate skills and knowledge as appropriate.</b>	<b>3 / 3</b>
1.	Apply procedures for measuring and recording vital signs (blood pressure, height, and weight) including recognition of normal ranges and understanding what the data means.	Client Status
2.	Apply skills to obtain training or certification in adult, child, and infant cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED).	CPR Methods 2009
3.	Demonstrate First Aid skills for certification if needed or not received in Level 1	Emergency Care
<b>11.</b>	<b>Foundation Standard 11: Information Technology Applications - Healthcare professionals will use information technology applications required within all career specialties. They will demonstrate use as appropriate to healthcare applications.</b>	<b>3 / 4</b>
1.	Identify records and files common to the healthcare setting.	Communications Health Information Technology Medical Records
2.	Communicate using technology (fax, e-mail, and Internet) to access and distribute data and other information.	Communications Office Equipment

3.	Recognize technology applications in healthcare.	Health Information Technology
4.	Use procedure manuals, instruction booklets, and reference materials	