

Louisiana Health Occupations Strands and Standards Overview	Applied Technologies Health Science	Health Science Foundations											Health Science Career Pathways													
		Academic Foundations	Communications	Systems	Employability Skills	Legal Responsibilities	Ethics	Safety Practices	Teamwork	Health Maintenance Practices	Technical Skills	Information Technology Skills	Alternative Medicine	Biomedical Applications	Cardiac Diagnostics	Clinical Laboratory Science	Dental Diagnostics	First Aid/CPR	Forensic Science	Imaging Diagnostics	Medical Office Technology	Optical Diagnostics	Pathogens and Disease	Pharmacology	Sports Medicine	Veterinary Medicine
<b>1. ACADEMIC FOUNDATION</b>																										
1.1 Health occupations students will know the subject matter required for proficiency within their area and utilize this knowledge as needed in their role.																										
1. Read and write proficiently.	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2. Interpret charts, graphs, reports, and manuals.	✓			X			X									X					X		X			
3. Perform mathematical operations, including computations and conversions, weights and measures.	✓										X	X		X	X		X	X		X	X		X	X		
4. Master use of health care terminology, symbols, and abbreviations specific to career area.	✓	X	X											X	X	X	X	X		X	X	X	X	X	X	
5. Apply knowledge of life sciences such as biology, anatomy and physiology, chemistry, physics, and human growth and development.	✓	X							X			X	X	X	X	X		X			X	X	X	X		
6. Utilize knowledge of disease processes relating to body systems.	✓	X							X			X	X	X	X	X			X		X	X	X			
7. Research the history and current trends specific to career health occupations.	✓				X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8. Identify career challenges, responsibilities, and specific health occupations skills	✓				X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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<b>2. COMMUNICATIONS</b>																											
<b>2.1 Health occupations students will use appropriate verbal and nonverbal communication to establish an effective therapeutic relationship.</b>																											
1. Recognize the importance of effective communication.	✓	X	X	X	X	X	X	X		X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	
2. Evaluate others' ability to communicate and comprehend.	✓	X	X		X	X		X						X	X	X	X	X		X	X	X					
3. Demonstrate a knowledge of attitudes and behaviors that act as communication barriers.	✓	X	X	X	X	X		X		X				X		X	X		X	X	X	X		X	X	X	
4. Identify elements necessary for meaningful communication to take place.	✓	X	X	X	X	X		X		X				X	X	X	X	X		X	X	X	X		X	X	X
5. Adapt to individual needs, including paraphrasing or translating.	✓	X	X	X	X	X	X	X		X	X			X		X	X		X	X	X	X		X	X	X	
6. Demonstrate an understanding of multicultural and multilingual needs and capabilities.	✓			X	X		X							X							X						
7. Use tools of communication specific to each facility's policy and procedures.	✓	X												X													
8. Access and process electronically produced information.	✓											X									X						



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<b>4. EMPLOYABILITY SKILLS</b>																											
<b>4.1 Health occupations students will understand how employability skills enhance their employment opportunities and career satisfaction.</b>																											
1. Research various health occupations, career opportunities, employer expectations, and employment outlook.	✓			X	X									X	X	X	X	X	X	X	X	X	X	X	X	X	X
2. Investigate various health occupations career options and educational requirements.	✓			X	X									X	X	X	X	X	X	X	X	X	X	X	X	X	X
3. Contrast certification, registration, and licensure.	✓					X	X							X			X				X			X			
<b>4.2 Health occupations students will demonstrate key employability skills and will maintain and upgrade skills as needed.</b>																											
1. Utilize analytical skills to solve problems and make decisions regarding employment.	✓		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2. Exhibit personal skills, such as attendance, time management, and individual responsibility.	✓				X									X	X	X	X	X	X	X	X	X	X	X	X	X	X
3. Demonstrate professional conduct, integrity, and appearance.	✓			X	X	X	X		X					X	X		X	X			X				X		
4. Acquire technology skills.	✓		X								X		X	X							X		X				
5. Practice flexibility in adapting to changing situations.	✓				X																						

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6. Develop and complete professional portfolio.																											
<b>5. ETHICS AND LEGAL RESPONSIBILITIES</b>																											
<b>5.1 Health occupations students will understand their legal responsibilities, limitations, accepted ethical practices, and the implications of their actions within the health care environment.</b>																											
1. Understand malpractice, negligence, and other liability issues.	✓				X	X																				X	
2. Demonstrate an understanding of the importance of the Patient's Bill of Rights and Code of Ethics.	✓				X	X																					
3. Contrast "Scope of Practice" for specific careers.	✓	X										X															
4. Recognize the significance of patients', residents', and clients' confidentiality.	✓				X	X					X	X															
<b>5.2 Health occupations students will perform their duties according to regulations, policies, laws, ethical codes, and legislated rights of patients, residents, and clients.</b>																											
1. Operate within the scope of practice.	✓	X										X															
2. Comply with legal requirements for documentation.	✓	X			X		X				X	X				X		X	X	X	X	X	X	X	X		

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3. Report any activity that adversely affects the health, safety, or welfare of clients or fellow workers.	✓					X	X		X																		
4. Recognize and respect the patient's rights associated with religious and cultural differences.	✓			X	X	X	X					X									X						
5. Promote justice and equal treatment for all persons.	✓			X			X		X								X										
6. Maintain patient confidentiality.	✓					X	X					X									X						
<b>6. SAFETY PRACTICES/INFECTION CONTROL</b>																											
<b>6.1 Health occupations students will understand the rationale, regulations, recommendations, and training that govern safety practices and infection control in health care facilities.</b>																											
1. Identify the functions of OBRA, OSHA, and other governing agencies.	✓							X								X											
2. Describe OSHA mandates and Standard Precautions to control the spread of infection and prevent injury.	✓							X								X											
3. Identify principles for proper body mechanics for patient and self.	✓			X				X		X						X		X					X		X		
4. Identify proper procedures in the event of fire and other emergencies.	✓							X								X											

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<b>6.2 Health occupations students will prevent injury or illness by following approved health and safety policies and procedures.</b>																											
1. Demonstrate standard precautions to control the spread of infection.	✓						X					X	X	X	X		X	X	X	X	X	X	X	X	X	X	
2. Safely operate commonly used equipment.	✓						X					X	X		X	X	X	X	X		X				X	X	
3. Demonstrate proper emergency procedures and protocols.	✓						X							X													
4. Apply the principles of proper body mechanics for patient and self.	✓			X			X		X					X		X						X		X			
5. Comply with pertinent regulatory guidelines.	✓			X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
<b>7. INTERPERSONAL SKILLS AND TEAMWORK</b>																											
<b>7.1 Health occupations students will understand the role and responsibilities of each member of the health care team and interact professionally.</b>																											
1. Respect interdisciplinary, cultural, and religious differences among team members and health care recipients.	✓		X	X					X												X						
2. Practice team membership skills, such as cooperation, leadership, and communication.	✓								X								X										

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3. Effectively manage conflict within the workplace.	✓		X	X			X		X																		
4. Interact consistently within the facility guidelines and lines of authority.	✓			X	X	X	X	X	X														X				
<b>8. PROCEDURE IMPLEMENTATION</b>																											
<b>8.1 Health occupations students will perform procedures within their scope of career-specific practice, utilizing criteria as established by governmental agencies and industry-specific standards.</b>																											
1. Gather necessary equipment and supplies for specific procedure.	✓													X		X	X	X		X		X			X	X	
2. Perform procedures accurately in a timely manner.	✓													X		X	X	X		X		X			X	X	
3. Clean and properly maintain equipment and work area.	✓													X		X	X	X		X		X			X	X	
4. Document and report all actions, observations, and results of procedures to instructor/supervisor.	✓													X		X	X	X		X		X			X	X	
5. Make suggestions to supervisor regarding procedure modifications, if appropriate.																											