

Kentucky Occupational Skill Standards 4000 Allied Health Sciences	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>AA. COMMUNICATION SKILLS</b>																											
AA.001. Adjust communication to other’s ability to understand.	✓	X	X	X							X			X			X		X	X	X						X
AA.002. Apply the elements of communication using the sender-receiver model.	✓	X																									
AA.003. Apply active listening skills using reflection, restatement, and clarification techniques.	✓	X	X	X			X										X	X		X	X						
AA.004. Demonstrate courtesy to others including self introduction.	✓	X	X	X										X	X				X	X	X						
AA.005. Interpret verbal and non-verbal behaviors to augment communication and within scope of practice.	✓	X	X	X	X	X	X	X		X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X
AA.006. Demonstrate interviewing skills.	✓			X																							
<b>AB. REPORTING</b>																											
AB.001. Report relevant information in order of occurrence.	✓	X	X	X	X												X	X					X				
AB.002. Report subjective information.	✓	X	X																								
AB.003. Report objective information.	✓	X	X														X						X				

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AB.004. Analyze communications for appropriate response and provide feedback.	✓		X		X						X			X			X	X					X				
<b>AC. TECHNICAL REPORTS</b>																											
AC.001. Organize, write, and compile technical information and summaries.	✓		X								X		X	X	X	X		X	X	X	X	X	X	X	X		
AC.002. Interpret, transcribe, and communicate information, data, and observations using medical terminology within scope of practice.	✓		X	X							X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>AD. COMMUNICATION TECHNOLOGY</b>																											
AD.001. Organize records and files to maintain data as required.	✓		X								X				X	X		X			X		X				
AD.002. Use communication technology (Fax, E-mail, Internet) to access and distribute data and other information.	✓		X								X		X	X							X		X				
<b>EA. KEY EMPLOYABILITY SKILLS</b>																											
EA.001. Adapt positively to the dynamics of change.	✓				X																						
EA.002. Adopt personal appearance and hygiene habits appropriate to the health care environment and industry expectations.	✓				X							X					X				X				X		
EA.003. Practice personal integrity and honesty.	✓			X	X	X	X		X			X	X								X						

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EA.004. Evaluate work assignments and initiate action with confidence commensurate with own work assignment.	✓				X								X					X	X			X			X	X	
EA.005. Formulate solutions to problems using critical thinking skills (analyze, synthesize, evaluate) independently and in teams.	✓			X	X		X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
EA.006. Interact appropriately and respectfully with diverse ethnic, age, cultural, religious, and economic groups in various employment and social skills.	✓			X	X		X						X							X							
EA.007. Exhibit respectful and empathetic behavior when interacting with peers, superiors, subordinates, and customers in one-on-one and group situations.	✓	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	
EA.008. Follow attendance policies of the employer or educational institution.	✓				X																						
EA.009. Accept responsibility for own actions.	✓				X	X	X		X																X		
<b>EB. INTERPERSONAL COMMUNICATIONS</b>																											
EB.001. Communicate in a straightforward, understandable, accurate, and timely manner.	✓		X	X	X		X					X			X			X	X	X	X	X					
EB.002. Listen attentively to verbal instruction, requests, and other information to verify accuracy.	✓		X		X		X	X	X			X				X	X	X	X	X	X						
EB.003. Provide written communication that is accurate and grammatically correct using nomenclature appropriate to the environment.	✓		X												X			X	X	X	X	X	X				
EB.004. Interpret technical materials used for health care practices and procedures.	✓		X					X			X		X	X	X	X	X	X	X	X	X	X	X		X	X	

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<b>EC. PERSONAL GROWTH AND DEVELOPMENT</b>																												
EC.001. Engage in continuous self-assessment and goals modification for personal and professional growth.	✓				X		X		X	X	X							X	X	X	X	X	X	X	X	X	X	
EC.002. Manage time, prioritize responsibilities, and meet completion dates as specified by employer and client.	✓				X													X	X	X	X	X	X	X	X	X	X	
EC.003. Show enthusiasm and commitment by meeting expectations and priorities of the organization.	✓			X	X		X											X	X	X	X	X	X	X	X	X	X	
<b>ED. CAREER DECISION MAKING</b>																												
ED.001. Explore a potential health science career path in at least one of the following health care services: diagnostic, therapeutic, informational, or environmental.	✓			X	X													X	X	X	X	X	X	X	X	X	X	
ED.002. Consider the levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential for a service area.	✓				X													X	X	X	X	X	X	X	X	X	X	
<b>EE. LEGAL IMPLICATIONS</b>																												
EE.001. Analyze legal responsibilities, limitations, and implications of actions.	✓			X		X	X											X	X			X		X			X	X
EE.002. Use problem-solving techniques when confronted with legal dilemmas or issues.	✓					X	X														X			X	X			

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EE.003. Compare and contrast behaviors and practices that could result in malpractice, liability, or negligence.	✓					X	X							X						X							
EE.004. Comply with policies and requirements for documentation and record keeping.	✓		X			X	X										X		X	X	X		X	X			
EE.005. Comply with established risk management criteria and procedures.	✓					X	X																			X	
EE.006. Determine when an incident is reportable.	✓					X	X																				
EE.007. Comply with non-discriminatory laws.	✓					X	X							X													
EE.008. Comply with institutional policy and procedure.	✓					X	X							X							X			X	X		
<b>EF. LEGAL PRACTICES</b>																											
EF.001. Perform duties according to regulations, policies, laws, and legislated rights of clients.	✓					X	X							X	X	X					X				X	X	
EF.002. Maintain clients rights according to the Patient's Bill of Rights.	✓						X																				
EF.003. Maintain confidentiality.	✓					X	X							X							X						
EF.004. Practice within licensure, certification, registration, and legislated scope of practice.	✓					X	X							X						X				X			

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EF.005. Apply the doctrine of informed consent.	✓					X	X							X													
EF.006. Evaluate technological threats to confidentiality.	✓					X	X														X						
EF.007. Follow mandated standards for workplace safety (i.e. OSHA, CDC, CLIA).	✓					X	X	X													X						
EF.008. Apply mandated standards for harassment, labor, and employment laws.	✓					X	X																				
<b>EG. LEGAL &amp; ETHICAL BOUNDARIES</b>																											
EG.001. Differentiate between morality and ethics and the relationship of each to health care outcomes.	✓						X							X													
EG.002. Differentiate between ethical and legal issues impacting health care.	✓						X							X											X		
EG.003. Compare and contrast personal, professional, and organizational ethics.	✓						X							X	X												
EG.004. Analyze legal and ethical aspects of confidentiality.	✓					X	X														X						
EG.005. Discuss bio-ethical issues related to health care.	✓						X							X													
EG.006. Analyze and evaluate the implications of medical ethics.	✓						X							X	X	X							X		X		

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<b>EH. MEDICAL PRACTICES</b>																											
EH.001. Demonstrate professionalism when interacting with fellow students, co-workers, and the organization.	✓		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
EH.002. Respect interdisciplinary roles of team members.	✓					X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EH.003. Report activities and behaviors by self and others that adversely affect the health, safety, or welfare of students, clients, or co-workers.	✓					X	X		X																		
EH.004. Demonstrate fairness and equal treatment of all persons.	✓			X			X		X								X										
EH.005. Examine Patient Bill of Rights and practice responsibly within the ethical framework.	✓					X																					
EH.006. Value clients' independence and determination.	✓			X		X																					
<b>EI. CULTURAL, SOCIAL AND ETHNIC DIVERSITY</b>																											
EI.001. Discuss the impact of religions and cultures on those giving and receiving health care with an understanding of past and present events.	✓			X			X						X														
EI.002. Demonstrate respect of individual cultural, social, and ethnic diversity within the health care environment.	✓		X	X			X														X						

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<b>EJ. INFECTION CONTROL</b>																											
EJ.001. Practice infection control procedures (i.e. airborne, droplet, contact).	✓							X						X	X	X	X	X		X	X	X	X	X	X	X	X
EJ.002. Practice appropriate cleaning, disinfecting, and sterilizing processes.	✓						X	X						X	X	X	X	X		X	X	X	X	X	X	X	X
EJ.003. Compare and contrast medical and surgical asepsis.	✓							X																			
<b>EK. PERSONAL SAFETY</b>																											
EK.001. Apply safety procedures to protect clients, co-workers, and self.	✓						X	X			X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	
EK.002. Manage a personal exposure incident in compliance with OSHA regulations.	✓						X	X								X		X									
EK.003. Apply principles of body mechanics and ergonomics.	✓	X				X	X	X	X		X			X		X	X	X	X	X	X	X		X	X		
EK.004. Use personal protective equipment as appropriate to the environment.	✓							X						X		X	X	X	X	X	X	X	X	X	X	X	X
<b>EL. ENVIRONMENTAL SAFETY</b>																											
EL.001. Modify the environment to create safe working conditions.	✓						X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X



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EL.002. Demonstrate methods of fire prevention in the health care setting.	✓						X							X	X												
EL.003. Prevent accidents by using proper safety techniques.	✓						X							X	X		X			X					X	X	
EL.004. Practice good housekeeping by maintaining a safe work environment.	✓						X								X					X							
<b>EM. COMMON SAFETY HAZARDS</b>																											
EM.001. Use Material Safety Data Sheets (MSDS).	✓						X								X												
EM.002. Adhere to hazardous labeling requirements.	✓						X								X												
EM.003. Comply with safety signs, symbols, and labels.	✓						X								X									X			
EM.004. Take appropriate action when observing a hazardous material problem.	✓						X								X												
EM.005. Apply safety principles at the school and workplace.	✓						X								X									X			
EM.006. Appropriately handle hazardous chemicals commonly used in the health care environment.	✓						X								X												

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<b>EN. EMERGENCY PROCEDURES AND PROTOCOLS</b>																											
EN.001. Locate the evacuation plan for the health care setting.	✓						X																				
EN.002. Construct a basic emergency plan for a health care setting in response to a natural disaster or other emergency that disrupts the ability to provide care.	✓						X								X												
EN.003. Follow the facility procedure when a fire is discovered.	✓						X							X	X												
<b>EO. HEALTH CARE TEAMS</b>																											
EO.001. Understand and apply the team concept in providing quality patient care.	✓							X								X	X		X		X						
EO.002. Recognize characteristics of effective teams.	✓							X									X				X						
EO.003. Analyze roles of various team participants (i.e. team leader, team member).	✓							X									X				X						
EO.004. Respond to critical situations appropriately as a member of the team.	✓							X									X										
EO.005. Accept compromise as necessary to ensure the best outcome.	✓							X																			

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<b>EP. TEAM MEMBER PARTICIPATION</b>																										
EP.001. Communicate verbally and non-verbally with team colleagues to assure the best result for the client.	✓		X						X									X	X							
EP.002. Collaborate with others to formulate team objectives.	✓							X								X	X	X	X	X				X		
EP.003. Act responsibly as a team member, completing assigned tasks in a timely and effective manner.	✓							X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EP.004. Actively listen to other team members.	✓		X					X									X	X	X	X				X		
EP.005. Exercise leadership skills as appropriate.	✓							X								X										
EP.006. Respect and value the expertise and contributions of all team members.	✓							X																		
EP.007. Work collaboratively with persons from diverse backgrounds to accomplish a common goal.	✓							X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EP.008. Acknowledge conflict and take corrective action.	✓							X																		
EP.009. Exhibit strong sense of team identify and commitment to purpose.	✓							X																		

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<b>OA. HUMAN STRUCTURE &amp; FUNCTION</b>																											
OA.001. Describe the basic structures and functions of cells, tissues, organs, and systems as they relate to homeostasis.	✓	X													X			X	X							X	
OA.002. Compare relationships among cells, tissues, organs, and systems.	✓	X							X			X	X	X	X		X	X	X		X	X	X	X	X	X	
OA.003. Explain body planes, directional terms, quadrants, and cavities.	✓	X														X										X	
OA.004. Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies and care/rehabilitation.	✓	X							X			X	X	X				X		X	X	X	X	X	X	X	X
<b>OB. DISEASES AND DISORDERS</b>																											
OB.001. Compare selected diseases/disorders including respective classification(s), causes, diagnoses, therapies, and care/rehabilitation to include biotechnological applications.	✓	X											X	X	X	X		X	X		X	X	X	X	X	X	X
OB.002. Analyze methods to control the spread of pathogenic microorganisms.	✓								X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OB.003. Contrast various types of immunities.	✓		X												X			X				X	X				
OB.004. Analyze body system changes in light of diseases, disorders, and wellness.	✓	X	X									X	X	X	X	X	X				X	X	X	X			
OB.005. Compare the aging process among the body systems.	✓		X											X								X					

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<b>OC. SYSTEMS THEORY</b>																											
OC.001. Describe systems theory and its components.	✓			X																							
OC.002. Construct a general systems model using inputs, throughputs, and feedback loop.	✓			X																							
<b>OD. HEALTH CARE DELIVERY SYSTEMS</b>																											
OD.001. Construct a health care delivery system model.	✓			X																							
OD.002. Predict where and how factors such as: cost, managed care, technology, an aging population, access to care, alternative therapies, and lifestyle/behavior changes may affect various health care delivery system models.	✓			X																			X				
OD.003. Project the outcomes as an interconnected component of a health care system.	✓			X																							
OD.004. Calculate the cost effectiveness of two separate health care delivery systems.	✓			X																							
<b>OE. HEALTH CARE DELIVERY SYSTEMS RESULTS</b>																											
OE.001. Diagram the interdependence of health care professions within a given health care delivery system, pertaining to the delivery of quality health care.	✓			X																							

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OE.002. Design a system analysis process that evaluates the following outcomes: client satisfaction, productivity, cost effectiveness, and efficiency.	✓			X																							
OE.003. Evaluate the impact of enhanced technology on the health care delivery system.	✓			X									X	X					X		X			X			
<b>OF. SYSTEM CHANGE</b>																											
OF.001. Analyze the cause and effect on health care system change based on the influence of: technology, epidemiology, bio-ethics, socio-economics, and various forms of complimentary (non-traditional) medicine.	✓			X																							
<b>OG. HEALTHY BEHAVIORS</b>																											
OG.001. Apply behaviors that promote health and wellness.	✓			X					X	X		X	X	X	X										X		
OG.002. Advocate available preventive health screening and examinations.	✓								X			X	X	X		X		X		X					X		
OG.003. Use practices that promote the prevention of disease and injury.	✓								X			X	X	X	X										X		
OG.004. Use appropriate safety practices as related to high-risk behaviors.	✓			X					X																		
OG.005. Evaluate the validity of alternative health practices.	✓			X					X			X												X			