Practicum in Health Science: Patient Care Technician
At-A-Glance - Lamar CISD

Ongoing Skills Imbedded All Year	**Professional Standards/Employability Skills/Technical Skills**		
	Doctors, nurses and other healthcare professionals rely on patient care technicians to assist with the critical day-to-day care some patients require. A patient care technician works closely with nurses and other medical staff. He or she provides care for patients by helping to carry out daily living activities such as bathing, eating, dressing, and walking. Patient care technicians are often the ones to have the most direct contact with patients, and therefore play an important role as a member of the health care team. There are several main domains and competencies that a candidate for a patient care technician exam should be familiar with. These include patient intake and assessment, direct patient care, performing phlebotomy procedures, EKG/ECG procedures, safety and infection control, and the professional responsibilities of a patient care technician. Students who pursue a career in the health care industry will learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.		
Ongoing Ways to Show	1. Explain and apply appropriate tools to enhance performance and patient safety 2. Explain and demonstrate care for patients of different populations 3. Describe and demonstrate proper airway and tracheostomy care of a patient in the hospital setting 4. Explain and demonstrate strategies for pain management in the Acute Care setting 5. Explain care for a patient with a chest tube. 6. Explain proper care of a patient with a gastric or nasogastric (NG) tube. 7. Explain and demonstrate proper management of patient elimination. 8. Explain the role of the PCT in regards to oxygen therapy and delivery. 9. Explain and demonstrate infection control policies and procedures in the acute care or other approved setting. 10. Explain the post-mortem process. 11. Explain the difference between Type I and Type II diabetes and demonstrate point of care blood glucose testing. 12. Identify the various post operative complications and explain the role of the PCT to prevent post operative complications. 13. Explain the purpose use and types of restraints and alternatives and demonstrate proper use of restraints. 14. Explain and demonstrate the proper use of sterile techniques and proper selection, insertion and removal of urinary catheters. 15. Continuous instruction and review of Medical Terminology and approved abbreviation use 16. Increasing knowledge of anatomy and physiology		
Grading Period	**Introduction to PCT**	**Estimated Time Frame**	**TEKS**
Grading Period 1 **29 Days**	**Introduction and Overview**	**5 Days**	4, 1A, 1B
	Getting to Know You Icebreakers, Syllabus and Expectations PCT 4 To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. The student will recognize that quality health care depends on the ability to work well with others. PCT 1(A) The student will demonstrate verbal and non-verbal communication in a clear, concise, and effective manner. PCT 1(B) The student will exhibit the ability to cooperate, contribute, and collaborate as a member of a team.		
	Qualities of a Healthcare Professional – Part 1	**4 Days**	6, 2A, 2B, 4A, 4B, 4C, 7A, 7B
	Empathy PCT 6 The student will show professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. The students are expected to employ their ethical and legal responsibilities, recognize limitations, and understand the implications of their actions. PCT 2(A) The student will interpret data from various sources in formulating conclusions. PCT 2(B) The student will compile information from a variety of sources to create a technical report. (4) The student implements the knowledge and skills of a health care professional necessary to acquire and retain employment. PCT 4(A) The student will demonstrate proficiency in medical terminology and skills related to the health care of an individual. PCT 4(B) The student will develop new problem-solving strategies based on previous knowledge and skills. PCT 4(C) The student will evaluate performance for continuous improvement and advancement in health care. (7) The student explores the knowledge and skill levels necessary for advancing in the health science professions. PCT 7(A) The student will identify knowledge and skills that are transferable among health science professions. PCT 7(B) The student will research career pathways pertaining to the health care industry.		

	Qualities of a Healthcare Professional – Part 2	**5 Days**	6, 5A, 5B
	Law/Ethics PCT 6 The student will show professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. The students are expected to employ their ethical and legal responsibilities, recognize limitations, and understand the implications of their actions. (5) The student employs ethical behavior standards and legal responsibilities. PCT 5(A) The student will identify individual ethical and legal behavior standards according to professional regulatory agencies. PCT 5(B) The student will research case studies related to unethical behavior in the health care industry.		
	Safety	**10 Days**	6A, 6B
	Fire, Facility, Healthcare, Infection Control, PPE and Handwashing PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner.		
	Patient Care – Part 1	**5 Days**	2A, 2B, 2D, 2E, 2F, 3A, 3B, 3C, 8A, 8B
	Skills Lab-vitals, patient assessment – pulse, blood pressure, temperature, breath & heart sounds, head-to-toe survey, pain scale. PCT 2(A) The student will interpret data from various sources in formulating conclusions. PCT 2(B) The student will compile information from a variety of sources to create a technical report. PCT 2(D) The student will examine the environmental factors that affect homeostasis. PCT 2(E) The student will relate anatomical structure to physiological functions. PCT 2(F) The student will distinguish atypical anatomy and physiology in the human body systems. PCT 3(A) The student will accurately report information according to facility policies and procedures. PCT 3(B) The student will demonstrate therapeutic communication skills to provide quality care. PCT 3(C) The student will employ therapeutic measures to minimize communication barriers. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		
Grading Period 2 27 Days	**Patient Care – Part 2**	**11 Days**	2A, 2B, 2D, 2E, 2F, 3A, 3B, 3C, 8A, 8B
	Skills Lab rotation PCT 2(A) The student will interpret data from various sources in formulating conclusions. PCT 2(B) The student will compile information from a variety of sources to create a technical report. PCT 2(D) The student will examine the environmental factors that affect homeostasis. PCT 2(E) The student will relate anatomical structure to physiological functions. PCT 2(F) The student will distinguish atypical anatomy and physiology in the human body systems. PCT 3(A) The student will accurately report information according to facility policies and procedures. PCT 3(B) The student will demonstrate therapeutic communication skills to provide quality care. PCT 3(C) The student will employ therapeutic measures to minimize communication barriers. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		
	EKG - The Cardio-Respiratory System A&P	**6 Days**	5, 2A, 2B, 8A, 8B
	PCT 5 The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. The student will identify the employment opportunities, technology, and safety requirements of each system. The student will apply the knowledge and skills necessary to pursue a health science career through further education and employment. PCT 2(A) The student will interpret data from various sources in formulating conclusions. PCT 2(B) The student will compile information from a variety of sources to create a technical report. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		

	EKG Technician Course of Study	**10 Days**	5, 2A 2B8A, 8B
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Grading Period 3 28 Days	**Phlebotomy**	**27 Days**	2D, 8A, 8B
	PCT 2(D) The student will examine the environmental factors that affect homeostasis. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		
	1st Semester Exam	**1 Day**	
Grading Period 4 31 Days	**Special Phlebotomy Procedures**	**6 Days**	2D, 8A, 8B
	PCT 2(D) The student will examine the environmental factors that affect homeostasis.PCT 7(A) The student will identify knowledge and skills that are transferable among health science professions. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		
	PCT Role in Surgery	**3 Days**	2D, 6A, 6B, 6C
	PCT 2(D) The student will examine the environmental factors that affect homeostasis. 6)The student will understand and apply proper safety techniques in the workplace to prevent hazardous situations. PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner. PCT 6(C) The student will apply principles of infection control and body mechanics in all aspects of the health care industry.		
	Feedings and Nutrition	**12 Days**	6A, 6B, 6C
	6)The student will understand and apply proper safety techniques in the workplace to prevent hazardous situations. PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner. PCT 6(C) The student will apply principles of infection control and body mechanics in all aspects of the health care industry.		
	Exercise and Activity	**10 Days**	2D, 2E, 2F, 6A, 6B, 6C, 8A, 8B
	PCT 2(D) The student will examine the environmental factors that affect homeostasis. PCT 2(E) The student will relate anatomical structure to physiological functions. PCT 2(F) The student will distinguish atypical anatomy and physiology in the human body systems. 6)The student will understand and apply proper safety techniques in the workplace to prevent hazardous situations. PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner. PCT 6(C) The student will apply principles of infection control and body mechanics in all aspects of the health care industry. (8) The student implements skills in monitoring individual health status during therapeutic or diagnostic procedures. PCT 8(A) The student will identify care indicators of health status. PCT 8(B) The student will record health status according to facility protocol.		

Grading Period 5 30 Days	**Clinical Rotations - Skills Performance Documentation**	**30 Days**	4A, 6A, 6B, 6C, 7A
	PCT 4 The student will implement the knowledge and skills of a health care professional necessary to acquire and retain employment. PCT 4(A) The student will demonstrate proficiency in medical terminology and skills related to the health care of an individual. 6)The student will understand and apply proper safety techniques in the workplace to prevent hazardous situations. PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner. PCT 6(C) The student will apply principles of infection control and body mechanics in all aspects of the health care industry. PCT 7(A) The student will identify knowledge and skills that are transferable among health science professions.		
Grading Period 6 27 Days	**Clinical Rotations - Skills Performance Documentation**	**9 Days**	4A, 6A, 6B, 6C, 7A
	PCT 4 The student will implement the knowledge and skills of a health care professional necessary to acquire and retain employment. PCT 4(A) The student will demonstrate proficiency in medical terminology and skills related to the health care of an individual. 6)The student will understand and apply proper safety techniques in the workplace to prevent hazardous situations. PCT 6(A) The student will integrate regulatory standards such as standard precautions and safe patient handling. PCT 6(B) The student will evaluate hazardous materials according to the material safety data sheets in a consistent manner. PCT 6(C) The student will apply principles of infection control and body mechanics in all aspects of the health care industry. PCT 7(A) The student will identify knowledge and skills that are transferable among health science professions.		
	Review for PCT Exam	**10 Days**	
	PCT Exam – on campus	**1 Day**	
	Careers	**7 Days**	2C, 7B, 9A, 9B
	PCT 2(C) The student will plan, prepare, and deliver a presentation. PCT 7(B) The student will research career pathways pertaining to the health care industry. (9) The student recognizes the importance of participation in extended learning experiences. PCT 9(A) The student will participate in extended learning experiences such as community service, career and technical student organizations, and professional organizations. PCT 9(B) The student will create a plan of action targeting the career and technical student organization's community service goal		