

Health Science Technology

Programs of Study: Diagnostic and Therapeutic Services

Chapter 127. Texas Essential Knowledge and Skills for Career Development and Career and Technical Education Subchapter J. Health Science

	1st Six Weeks	2nd Six Weeks	3rd Six Weeks	4th Six Weeks	5th Six Weeks	6th Six Weeks
Principles of Health Science	Communication and Leadership	Healthcare Systems	Laws and Ethics	Medical Terminology	Muscular System	Reproductive System
	Employability				Digestive System	Medical Math
	Career Clusters	Safety and Infection Control	Lifespan Development	Anatomy and Physiology	Nervous System	Vital Signs
	History of Medicine		Impact of Culture on Healthcare	Skeletal System	Cardiovascular System	
					Respiratory System	CPR First Aid
Medical Terminology	Introduction to Medical Terminology	Urinary System	Integumentary System	Respiratory System	Musculoskeletal System - Part 2	Real World Applications
	Body Organization	Reproductive System		Lymphatic System	Nervous System	Career Planning and Professional Standards
	Digestive System		Cardiovascular System	Musculoskeletal System - Part 1		
Anatomy and Physiology	Course Introduction, Technology, and Resources	Support and Movement - Part 2	Support and Movement - Part 3	Integration and Coordination	Transport	Absorption and Excretion - Part 2
	Cells, Cell Division, and Metabolism	Integumentary System	Muscular System	Nervous System		Human Life Cycle and Reproduction
	Tissues	Skeletal System		Endocrine System	Absorption and Excretion - Part 1	
	Support and Movement - Part 1					
Pathophysiology	Course Introduction, Technology and Resources	Mechanisms and Processes of Disease - Part 1	Mechanisms and Processes of Disease - Part 2	Examining Human Disease - Part 1	Examining Human Disease - Part 2	Examining Human Disease - Part 3
	Lab Procedures and The Scientific Method					Integration of Disease Prevention and Control
	Introduction to Pathophysiology					
Sports Medicine	Communication and Leadership	Wound Care/BBP	The Knee	The Shoulder	The Spine	Nutrition
	Emergency Action Plan	Injury Types			The Head, Neck, and Face	Environmental Considerations
	Sports Medicine Team		The Ankle, Foot and Lower Leg	The Elbow, Hand and Wrist		Vital Signs
	CPR/BLS Certifications	Anatomical Movements and Directions				
Biomedical Research	Lab Safety and Protocols	Microbiology Lab Topics	Conducting Laboratory Experiments and Scientific Research	The Biotechnology Lab	The Emerging Field of Biotechnology	Recombinant DNA and Genetic Engineering
	Microorganisms and Human Health	Microorganisms and Infectious Disease	Evaluating Laboratory Results	Conducting Biotechnology Labs	The Biotechnology Industry	Biotechnology Labs
				The Impact of Biotechnology	The Role of Genetics	
Emergency Medical Responder	Communication and Leadership	Safety, Skills, and Infection Control	Collection, Handling, and Skills	Introduction to Emergency Medical Responder Skills and Practice	Patient Care Skills in the Field	Patient Care and Operations - Responding to Injuries, Illness, and Casualties
	Introduction to Phlebotomy Skills					
Pharmacy Technician	History of Medicine and Pharmacy	Patient Interactions	Liquid Medications	Therapeutic Agents P2	Therapeutic Agents P4	Institutional Pharmacies
		Dosage and Administration			The Business of Pharmacy	Pharmacy Practice
	Laws, Ethics, and Regulations	Professional Resources	Outlier Calculations	IV Medications	Therapeutic Agents P5	Safety, Warning Labels, and Reviews
	The Profession	Measurements and Conversions	Therapeutic Agents and Uses P1	Dosage and Math	Types of Medicine	
	Patient Interactions	Interpreting Orders		Therapeutic Agnts P3	SPAT	Certification Prep
Patient Care technician	Phlebotomy	EKG	PCT	Phebotomy	EKG	PCT
	Infection Control	Infection Control	Infection Control	Puncture	Rhythms	Body Systems Care
	Anatomy & Physiology	Cardiac Anatomy & Physiology	Workplace Safety	Point of Care	Stress Test	Nutrition
	Procedures	Electrical System, Leads, & Electrodes	Nutrition and Fluids	Safety Skills	Monitoring	Surgical Care
				Considerations	Diagnostics	Wound Care
						End of Life Care