

### CAREER PROGRAMS IN HEALTH SCIENCES TECHNOLOGY

CAREER CLUSTER	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science	Health Science
CIP CODE	<b>51.0000</b>	<b>51.0601</b>	<b>51.0703</b>	<b>51.0801</b>	<b>51.0805</b>	<b>51.0806</b>	<b>51.0812</b>	<b>51.0902</b>	<b>51.0904</b>	<b>51.0907</b>	<b>51.0909</b>
PROGRAM TITLE	<b>HEALTH SERVICES ALLIED HEALTH HEALTH SCIENCES</b>	<b>DENTAL ASSISTING/ ASSISTANT</b>	<b>HEALTH UNIT COORDINATOR / WARD CLERK</b>	<b>MEDICAL/ CLINICAL ASSISTANT</b>	<b>PHARMACY TECHNICIAN/ ASSISTANT</b>	<b>PHYSICAL THERAPY TECHNICIAN/ ASSISTANT</b>	<b>RESPIRATORY THERAPY TECHNICIAN/ ASSISTANT</b>	<b>ELECTRO-CARDIOGRAPH TECHNOLOGY/ TECHNICIAN</b>	<b>EMERGENCY MEDICAL TECHNOLOGY/ TECHNICIAN (EMT)</b>	<b>MEDICAL RADIOLOGIC TECHNOLOGY / SCIENCE</b>	<b>SURGICAL TECHNOLOGY/ TECHNOLOGIST</b>
<b>GROUP 1: FOUNDATIONAL COURSES (Minimum Selection: 1)</b>											
<b>FOUNDATIONAL COURSES</b>	Principles of Biomedical Science (PLTW)	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations
		Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills
<b>GROUP 2: SKILL COURSES (Minimum Selection 1)</b>											
<b>SKILL COURSES</b>	Human Body Systems (PLTW)	Dental Assistant	Unit Clerk (Ward Clerk)	Medical/Clerical Assisting	Pharmacy Assisting	Physical Therapy Aide	Respiratory Therapy	Electrocardiograph (EKG) Technician	Emergency Medical Technician	Radiological Technology/ Technician	Surgical Technology
	Medical Interventions (PLTW)		Medical Records Assistant								
<b>GROUP 3: ADDITIONAL PROGRAM COURSES</b>											
<b>ADDITIONAL PROGRAM COURSES</b>	Biomedical Innovations (PLTW)	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development
		Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development	Health Occupations Skill Development
		Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education	Health Occupations Cooperative Education
		Medical Office Procedures	Medical Office Procedures	Medical Office Procedures	Pharmacology Technician				Medical Terminology		
				Medical Terminology	Medical Terminology						

A quality program delivers all required elements\* & a variety of additional elements. CTE program elements include: a sequence of courses\*, each educational entity offering approved courses provides assurance that the course content includes at a minimum the State course description\* (available at <https://www.isbe.net/Pages/Health-Science-Technology.aspx>), meets the State's minimum requirements for course offerings by program\*, contain a minimum of two (2) credits of instruction\*, curriculum aligned to state recognized learning standards & industry standards, career pathway guidance, resources to support program/course delivery (licensed & qualified staff, appropriate facilities, adequate equipment, instructional materials, work-based learning experiences, special populations support services, active affiliated SkillsUSA &/or HOSA chapter), articulation/dual credit agreements, documentation of state agency certification or licensing requirements for occupations regulated by law or licensure, & content which prepare students for reflective of current labor & opportunity for cooperative education as a structured capstone course. Foundational courses are suggested to be taught at the 9th & 10th grade levels. Skill level courses are suggested to be taught at the 10th – 12th grade levels.

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<b>CIP CODE</b>	<b>51.0913</b>	<b>51.1005</b>	<b>51.1009</b>	<b>51.1803</b>	<b>51.2308</b>	<b>51.2602</b>	<b>51.2604</b>	<b>51.3901</b>	<b>51.3902</b>	<b>51.9999</b>	
<b>PROGRAM TITLE</b>	<b>ATHLETIC TRAINING/ TRAINER</b>	<b>CLINICAL LAB SCIENCE/ MEDICAL TECHNOLOGY/ TECHNOLOGIST</b>	<b>PHLEBOTOMY TECHNICIAN/ TECHNOLOGIST</b>	<b>OPHTHALMIC TECHNICIAN/ TECHNOLOGIST</b>	<b>PHYSICAL THERAPY/ THERAPIST</b>	<b>HOME HEALTH AIDE/ HOME ATTENDANT</b>	<b>REHABILITATION AIDE</b>	<b>LICENSED PRACTICAL/ VOCATIONAL NURSE TRAINING</b>	<b>NURSING ASSISTANT/ AIDE AND PATIENT CARE ASSISTANT/ AIDE</b>	<b>HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES, OTHER</b>	
<b>GROUP 1: FOUNDATIONAL COURSES (Minimum Selection: 1)</b>											
<b>FOUNDATIONAL COURSES</b>	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	Orientation to Health Occupations	
	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	Health Occupations Related Skills	
<b>GROUP 2: SKILL COURSES (Minimum Selection 1)</b>											
<b>SKILL COURSES</b>	Sports Management	Medical Lab Technician	Clinical Laboratory Assistant/ Phlebotomist	Vision Care	Physical Therapy Aide	Home Health Aide	Rehabilitation Aide	Nursing – LPN	Nursing Assistant	Geriatric Aide	
		Clinical Laboratory Assistant/ Phlebotomist		Optical Technician Assistant						Mortuary Assistant	
										Central Supply Services	
<b>GROUP 3: ADDITIONAL PROGRAM COURSES</b>											
<b>ADDITIONAL PROGRAM COURSES</b>	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	Health Occupations Entry-Level Skill Development	
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		Medical Terminology						Psychiatric Rehabilitation Skills	Geriatric Aide	Geriatric Aide	
								Health & Safety Skills for Psychiatric Rehabilitation	Medical Terminology	Medical Terminology	
								Vocational Rehabilitation & Community Living Skills			
								Survey of Psychiatric Rehabilitation			

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