



Level 1	Principles of Health Science
Level 2	Medical Terminology
Level 3	Health Science Theory * HST for Pharmacy AND Pharmacology HST Clinical * HST Patient Care Tech HST Sports Medicine Medical Microbiology
Level 4	Practicum in HST - Pharmacy Tech** Practicum in HST – C N A** Practicum in HST – Patient Care Tech** Practicum in HST – Sports Medicine** Anatomy and Physiology Extended Career Preparation I **

Successful completion of a **Program of Study** will fulfill requirements of earning an **Endorsement**.

* District Technology Credit **List Driven Course

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Patient Care Technician	Surgical Technologist	Medical/ Clinical Assistant	BS Nursing, RN	Physician Assistant
Certified Nurse Aide/Assistant	Physical Therapy Assistant	Licensed Vocational Nurse	Informatics Nurse Specialist	Family and General Practitioners
Pharmacy Technician	Pharmacy Aides	Registered Nurse	Biomedical Science	Pharmacist
Certified Personal Trainer	Medical Assistant			Nursing Administration
EKG				Nurse Practitioner
Phlebotomy				

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	WBL Activities:
SkillsUSA Health Occupation Students of America (HOSA)	Volunteer at a community wellness center, hospital, assisted living or nursing home.

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$29,598	8,862	30%
Surgical Technologists	\$45,032	1,150	20%
Dental Hygienists	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%
Dental Assistants	\$34,840	4,422	31%



COURSE INFORMATION

COURSE NAME	LOCAL COURSE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Principles of Health Science	12126 (1 credit)	None	9-10
Medical Terminology	12125 (1 credit)	PREQ: Principles of Health Science	10-11
Health Science Theory (HST)*	12130 (1 credit)	PREQ: Principles of Health Science and Medical Terminology	11-12
Medical Microbiology	12142 (1 credit)	None	10-12
Pharmacology BLOCKED HST Pharm Tech *	12128 (1 credit) 12127 ((1 credit)	PREQ: Principles of Health Science and Medical Terminology	11-12
HST – Clinical* **	12133 (2 credits)		11-12
HST – Patient Care *	12134 (2 credits)		11-12
HST – Sports Medicine *	12138 (2 credits)		11-12
Anatomy and Physiology	12140 (1 credit)	None	10-12
Pathophysiology	12143 (1 credit)	None	11-12
Practicum in Health Science – Pharmacy Tech **	12129 (2 credits)	PREQ: Pharmacology and HST Pharm Tech	12
Practicum in Health Science – C N A **	12132 (2 credits)	PREQ: Health Science Theory	12
Practicum in Health Science – Patient Care **	12137 (2 credits)	PREQ: HST- Patient care	12
Practicum in Health Science – Sports Medicine **	12139 (2 credits)	PREQ: HST – Sports Med	12
Extended Career Preparation I **	12255 (3 credits)	PREQ: A sequence of courses from this POS	12

* District Technology Credit (Must have taken prerequisites to count as tech) **List Driven Course

FOR ADDITIONAL INFORMATION ON THE HEALTH SCIENCE CAREER CLUSTER,
PLEASE CONTACT:

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