

OPENING DOORS TO THE **FUTURE**



Public Service Endorsement *HealthCare Diagnostics CTE Pathway*

Grade	Language Arts	Math	Science	Social Studies	Required CTE Courses	Potential Certification Opportunities
9 th	English I	Algebra I	Biology	World History	*Principles of Health Science (1 Credit)	Certificaion: EMT-Basic
10 th	English II	Geometry	Chemistry		Medical Terminology^A (1 Credit)	
11 th	English III	Approved 3 rd Year Math	Approved 3 rd Year Science	U.S. History	Health Science Theory (1 Credit)	
12 th	English IV OR Approved 4 th Year English	Approved 4 th Year Math	Approved 4 th Year Science	Government AND Economics	*Anat & Phys^A (1 Credit) OR Emergency Medical Technician	

Required Electives

- *Business Information Management (1 Credit)
- Professional Communication (.5 Credit)
- *Dollars and Sense (.5 Credit)

Sample Career Opportunities	High School	On the Job Training	Certificate	Associate's Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Possible Majors
Registered Nurse					X		\$68,000	*Pre-Medicine *Oncology
Pediatrician					X	X	\$200,000	*Pathology *Biology
Dental Hygienist				X			\$74,000	*Chemistry *Medical Radiologic Technology
Nursing Aide		X	X				\$32,000	*Diagnostic Medical
Therapists (Occupational Assistant, Radiation, Respiratory, Physical)			X	X	X	X	\$58,000 to \$90,000	*Sonography *Pre-Pharmacy

OPENING DOORS TO THE **FUTURE**



Public Service Endorsement *HealthCare Diagnostics CTE Pathway*

Principles of Health Science

TSDS PEIMS Code: 13020200 (PRINHLSC)

Grade Placement: 9–10

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

GHS Section 2079

Available as a CTE Elective

Prerequisite: None.

Credit: 1

Medical Terminology

TSDS PEIMS Code: 13020300 (MEDTERM)

Grade Placement: 9–12

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

GHS Section 2082

Available as a CTE Elective

Prerequisite: None.

Credit: 1

Health Science Theory

TSDS PEIMS Code: 13020400 (HLTHSCI)

Grade Placement: 10–12

Recommended Corequisite: Health Science Clinical.

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

GHS Section 2080

Designated for Pathway Students

Credit: 1 Prerequisites: Principles of Health Science and Biology.

Anatomy and Physiology

TSDS PEIMS Code: 13020600 (ANATPHYS)

Grade Placement: 10–12

Recommended Prerequisite: A course from the Health and Science Career Cluster.

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

GHS Section 2028

Available as a CTE Elective

Credit: 1 Prerequisite: Biology and a second science credit.