

# Public Service Pathway – Certified Nursing Assistant



Courses that are inclusive for any Pathway or Endorsement are BIM I, Professional Communications, Touch System Data Entry and Career Preparation

## PRINCIPLES OF HEALTH SCIENCE

**KISD #:** 927018      **PEIMS:** 13020200  
**Grades:** 9-11      **1.0 Credit**  
**Prerequisite:** Biology I or Concurrent Enrollment

Students will gain knowledge and skills related to the healthcare industry. Content relates to patient relationships, working environments, and ethical and legal responsibilities. Entry-level skills will also be developed for taking vital signs, maintaining safety, and performing first aid and CPR. Introduction to basic human anatomy and physiology and medical terminology will prepare the student for a transition to clinical experiences in health care.

**Optional Certification:** CPR

## MEDICAL TERMINOLOGY

**KISD #:** 927818      **PEIMS:** 13020300  
**Grades:** 10-12      **1.0 Credit**  
**Prerequisite:** Principles of Health Science  
**Note:** Principles of Health Science may be taken concurrently for students in grades 10-11

Students will develop a working knowledge of the language of medicine and acquire word-building skills by learning prefixes, suffixes, word roots, abbreviations, and acronyms. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student’s ability to successfully secure employment or pursue advanced education in health care.

## ANATOMY & PHYSIOLOGY

**KISD #:** 927118      **PEIMS:** 13020600  
**Grades:** 11-12      **1.0 Credit/Science Credit Option**  
**Prerequisite:** Biology I and Chemistry I

Students will conduct laboratory investigations/fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body’s responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. Students will also analyze the relationship between anatomical structures and physiological functions of the human systems. This course is also listed in the Science Section of the Guidance Handbook.

**Advanced Grade Points:** Yes

## ANATOMY & PHYSIOLOGY DUAL CREDIT

**KISD #:** 9271DC18      **PEIMS:** 13020600  
**Grades:** 11-12      **1.0 Credit/Science Credit Option**  
**Prerequisite:** Biology I and Chemistry I

Students will conduct laboratory investigations/fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving to study the structure and function of the human body. Emphasis will be given to the study of cells and tissues and anatomical and physiological interrelationships of the integumentary, skeletal, muscular, and nervous systems. Designed primarily for students entering health careers. This course is also listed in the Science section of the Catalog.

**Advanced Grade Points:** Yes

**Dual Credit Correlation:** BIOL 2401

**Required Fee/Materials:** Yes

**PRACTICUM IN HEALTH SCIENCE  
CERTIFIED NURSING ASSISTANT (CNA)**

**KISD #: 927418**                      **PEIMS: 13020500**  
**Grades: 12**                            **2.0 Credits**  
**Prerequisite:**                        **Principles of Health Science and**  
   **Medical Terminology and**  
   **Anatomy and Physiology and**  
   **Certification in CPR and**  
   **Approval Process**

---

Students will learn to attend to patients' hygiene, comfort, nourishment, and social needs. Competencies will be demonstrated by the taking of vital signs, assisting patients with ADL's, maintaining patient hygiene and safety, and providing infection control. Upon completion of the course, students will be eligible to test for state Certified Nurse Assistant and Emergency Responder certifications. Students must be CPR certified and submit documentation of the following health screenings/status: Tuberculin skin test, proof of Rubella and Rubeola immunity, Varicella immunity, and Hepatitis B series immunization is required. Due to specific clinical/hospital and licensing requirements for certification, student must pass a criminal background check and/or verify personal health insurance coverage with insurer approved by the hospital/facility in order to participate in the course. Students will be notified at the beginning of the course if other facilities have additional requirements. A uniform, name tag, stethoscope, gait belt, fee for certification testing, and professional liability insurance is required.

**Required Fee/Materials:**    Yes  
**Advanced Grade Points:**    Yes  
**Approval Process:**            Yes  
**Transportation Needed:**    Yes  
**Industry Certification:**      Certified Nursing Assistant  
   Clinical Medical Assistant