

Health Science Career Cluster

The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Program of Study: *Health Science: Certified Nursing Assistant (CNA)*

The Health Science: Certified Nursing Assistant (CNA) program of study prepares students to provide essential care in hospitals, long-term care, and home health settings. CNAs assist with daily tasks like feeding, bathing, and checking vital signs, while offering emotional support to patients. We highly recommend this course for students interested in pursuing any type of nursing career beyond high school.

Secondary Courses for High School Credit

9th Grade	Medical Terminology
10th Grade	Health Science Theory
11th Grade	- Anatomy & Physiology - Practicum in Health Science: Certified Nursing Assistant (CNA)
12th Grade	- Practicum in Health Science: Patient Care Technician (PCT) - Practicum in Health Science: Clinical Medical Assistant (CMA)
Optional Electives	- Pathophysiology - Medical Microbiology - Pharmacology

Course Costs

Fees ≈ \$320

Includes: CNA Exam, Cord/Pin, Scrubs (2 pair), TB Test, Flu Vaccine, and CNA Workbook

Internship and Practicum Opportunities

Students have the opportunity to gain hands-on experience in a local long term care facility. We currently partner with **Keller Oaks Healthcare Center**.

Career and Technical Student Organization (CTSO)

HOSA

Health Occupation
Students of America

Career & Technical Student Organizations (CTSOs) are student-led organizations that build leadership, career skills, and real-world experience through competitions, networking, and hands-on learning.

Aligned Industry-Based Certifications

- Certified Nurse Aide



Example Postsecondary Opportunities

Apprenticeships

- Registered Nurse Resident

Associate Degrees

- Medical Assisting
- Vocational Nursing

Bachelor's Degrees

- Registered Nursing
- Nursing Administration

Master's, Doctoral, and Professional Degrees

- Nursing Administration
- Nursing Science

Additional Stackable IBCs/License

- Certified Emergency Nurse



Example Aligned Occupations

Nursing Assistants

Median Wage: \$30,856
Annual Openings: 10,936
10-Year Growth: 15%

Licensed Practical and Licensed Vocational Nurses

Median Wage: \$50,913
Annual Openings: 6,865
10-Year Growth: 17%

Registered Nurses

Median Wage: \$79,831
Annual Openings: 16,207
10-Year Growth: 17%

For more information, visit
the KISD Course Guide
<https://tinyurl.com/464uxm25>

