

Programs By Career Cluster:

Health Science

Certified Nurse Assisting **D** **C**

Students learn the fundamentals of patient care and skills necessary for entry level employment in any health care field such as nursing homes, hospitals and home health care. Students work directly with patients in clinical settings.



Possible Career Paths:

- *With a 2-year CTE program:* Certified Nurse Assistant, increased demand 11%*
- *An associate's degree:* Registered Nurse, increased demand 15%*
- *A bachelor's degree:* Registered Nurse BSN, increased demand 15%*

Dental Assisting **D** **C**

Students learn and develop the fundamental skills of chairside assistants along with the 21st century skills necessary to be successful in today's workforce, including sterilization/ disinfecting techniques, dental laboratory skills, record keeping, hygiene and oral health, X-rays, dental and oral anatomy, patient relationship skills, and knowledge of current dental procedures.

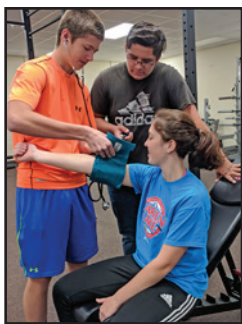


Possible Career Paths:

- *With a 2-year CTE program:* Dental Assistant, increased demand 19%*
- *An associate's degree or postsecondary:* Dental Hygienist, increased demand 20%*
- *Graduate degree:* Dentist, increased demand 19%*

Exercise Science **D** **C**

Students design, implement, modify, track and update personal fitness training programs based on individual needs. Students learn how to integrate anatomy and physiology, nutrition, equipment function, and individual body assessment into a fitness plan.

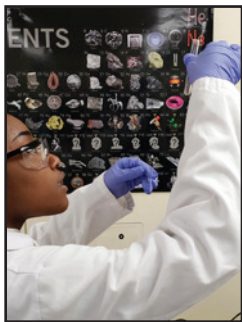


Possible Career Paths:

- *With a 2-year CTE program:* Personal Trainer, increased demand 10%*
- *An associate's degree or postsecondary:* Physical Therapy Assistant, increased demand 30%*
- *Graduate degree:* Physical Therapist, increased demand 28%*

Laboratory Technology **D** **C**

Students are introduced to the laboratory environment, while learning vital techniques and content knowledge (including medical terminology) used in the clinical environment and the research world. Students actively utilize scientific procedures to develop skills that are applicable within the medical, environmental, food-related, and bio-tech industries.



Possible Career Paths:

- *With a 2-year CTE program:* Specimen Processor, increased demand 13%*
- *Postsecondary certificate:* Phlebotomist, increased demand 25%*
- *A bachelor's degree:* Clinical Laboratory Scientist, increased demand 13%*

KEY

D Dual Enrollment

C Industry Credentials (or credentialing/ licensing preparation)

* Projected national growth for 2016-2026, US Bureau of Labor Statistics

Programs & Career Cluster Alignment

Our programs correlate to one or more US Dept. of Education Career Clusters

<u>Program</u>	<u>Correlated Career Clusters</u>	<u>Program</u>	<u>Correlated Career Clusters</u>
Advertising Design/ Multimedia	Arts, A/V Technology & Communications	Culinary Arts	Hospitality & Tourism Human Services
Auto Body and Collision Repair Technology	Transportation, Distribution & Logistics Science, Technology, Engineering & Mathematics	Dental Assisting	Health Science
Automotive Technology	Transportation, Distribution & Logistics Agriculture, Food & Natural Resources	Engineering and Metal Fabrication Academy	Manufacturing Transportation, Distribution & Logistics
Baking	Hospitality & Tourism Human Services	Exercise Science	Health Science
Carpentry	Architecture & Construction Science, Technology, Engineering & Mathematics	HVAC/Plumbing	Architecture & Construction
Certified Nurse Assisting	Health Science	Heavy Equipment Operation and Maintenance	Transportation, Distribution & Logistics Agriculture, Food & Natural Resources
Child and Family Development	Education & Training Human Services	Laboratory Technology	Health Science Agriculture, Food & Natural Resources
Computer Technology	Information Technology Science, Technology, Engineering & Mathematics	Outdoor Powersports Technology	Transportation, Distribution & Logistics
Intro to Construction Trades	Architecture & Construction Science, Technology, Engineering & Mathematics	Residential and Commercial Electrical	Architecture & Construction Science, Technology, Engineering & Mathematics
Cosmetology	Human Services Marketing	New Visions Health Professions	Health Science
		New Visions Justice Professions	Law, Public Safety, Corrections & Security
		New Visions STEM Professions	Science, Technology, Engineering & Mathematics

For details on Career Clusters, visit the U. S. Department of Education website or Advance CTE (careertech.org)