

Programs By Career Cluster:

Health Science

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

Develop the fundamental skills of chairside assistants along with career-readiness skills necessary to be successful in today's workforce. Gain 200 hours of clinical experience and learn sterilization/disinfecting techniques, dental laboratory skills, record keeping, hygiene and oral health, X-rays, dental and oral anatomy, and patient relationship skills.



Possible Career Paths:

- *With a 2-year CTE program:* Dental Assistant, increased demand 31.2%*
- *An associate's degree or postsecondary:* Dental Hygienist, increased demand 31.9%*
- *Graduate degree:* Dentist, increased demand 26.1%*

Nurse Assisting and Associated Health Careers **D** **C**

Learn the fundamentals of patient care necessary for entry-level employment in health care settings such as nursing homes, hospitals, medical offices, and home care agencies. Work directly with patients, participating in over 100 hours of clinical experiences. Complete the required classroom and clinical hours to be eligible for the New York State Certified Nurse Assistant licensing exam.



Possible Career Paths:

- *With a 2-year CTE program:* Home Health Aide, increased demand 58.1%*
- *A bachelor's degree:* Registered Nurse, increased demand 23.8%*
- *A master's degree:* Nurse Practitioner, increased demand 37.5%*

Medical Laboratory Assisting and Phlebotomy **D** **C**

Train in phlebotomy (drawing blood) including preparation for certification, and learn laboratory procedures, medical terminology and first aid/CPR. Complete necessary coursework to earn certification as a Certified Medical Laboratory Assistant (CMLA). Participate in a minimum of 120 hours in external laboratory internships.



Possible Career Paths:

- *With a 2-year CTE program:* Medical Equipment Preparer, increased demand 20%*
- *Postsecondary certificate:* Phlebotomist, increased demand 36.1%*
- *A bachelor's degree:* Clinical Laboratory Technologist, increased demand 22.1%*

KEY

D Dual Enrollment

C Industry Credentials (or credentialing/ licensing preparation)

* Projected New York State Finger Lakes Region growth for 2018-2028, New York State Department of Labor

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>
Auto Body and Collision Repair Technology	Transportation, Distribution & Logistics Science, Technology, Engineering & Mathematics	Digital and Visual Communication	Arts, A/V Technology & Communications
Automotive Technology	Transportation, Distribution & Logistics Agriculture, Food & Natural Resources	Engineering and Metal Fabrication - Machining	Manufacturing Transportation, Distribution & Logistics
Baking	Hospitality & Tourism Human Services	Engineering and Metal Fabrication - Welding	Manufacturing Transportation, Distribution & Logistics
Carpentry	Architecture & Construction Science, Technology, Engineering & Mathematics	Exercise Science	Human Services Health Science
Child and Family Development	Education & Training Human Services	HVAC/Plumbing	Architecture & Construction
Computer Technology	Information Technology Science, Technology, Engineering & Mathematics	Heavy Equipment Operation and Maintenance	Transportation, Distribution & Logistics Agriculture, Food & Natural Resources
Cosmetology	Human Services Marketing	Nurse Assisting and Associated Health Careers	Health Science
Criminal Justice	Law, Public Safety, Corrections & Security Government & Public Administration	Outdoor Powersports Technology	Transportation, Distribution & Logistics
Culinary Arts	Hospitality & Tourism Human Services	Medical Laboratory Assisting and Phlebotomy	Health Science Agriculture, Food & Natural Resources
Dental Assisting	Health Science	Residential and Commercial Electrical	Architecture & Construction Science, Technology, Engineering & Mathematics
		New Visions Health Professions	Health Science

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