



# HSTW Best Practices Newsletter

Summer 2017

## High Expectations for All Students:

### Two-Year Health Careers Program Prepares Students for Careers & College

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**Cuyahoga Valley Career Center (CVCC) High School Health Careers Program** offers a two-year career pathway for juniors and seniors, preparing them for immediate entry into the work force or post-secondary education. For the past two years, 74 students enrolled in this pathway, with 49 students earning a State Tested Nursing Assistant (STNA) certification, and 19 students earning a Certified Phlebotomy Technician (CPT) certification. This HSTW Best Practice Newsletter will focus on the opportunities available at CVCC for high school students desiring to enter, complete, advance and lead in the health care industry.

CVCC Five-Year Trends		
<b>97%</b>	<b>98%</b>	<b>65%</b>
High School Graduation Rate	Post-Secondary Placement	Enrolled: Postsecondary

## Student Success Story



Dina Restifo is a 2016 graduate of the CVCC's Health Careers program receiving her STNA certification. During the second semester of her senior year, Dina qualified for the CVCC Early Placement option and went to work as an STNA at a long-term care facility. This Early Placement opportunity allowed her to work a minimum of 13.5 hours per week and attend CVCC 1 ½ hours every Monday to fulfill the 15-hour school week requirement. Dina has just completed her first year at Kent State University majoring in Cellular Molecular Biology. She plans to complete her Bachelor's degree and apply to a Physician's Assistant (PA) program. She is still employed as an STNA at the same long-term care facility and is working there this summer. She states that her work as an STNA will help her meet the clinical hour requirement for applying to Physician Assistant School. Dina stated, "I always knew that I wanted to

do something in health care. My mother and aunt wanted me to be a nurse. I wanted to do something different, and looked into the PA program. I am glad that I enrolled at CVCC and recommend the program to anyone interested in health care. The STNA certification was very worthwhile, as were the real-world knowledge and skills I learned."

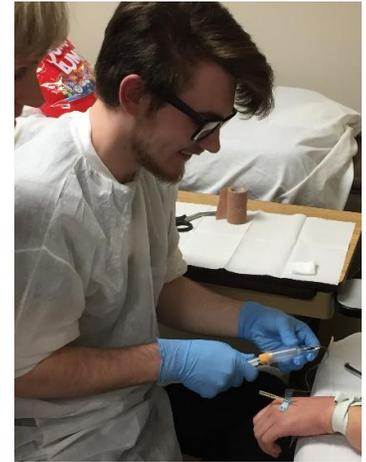
## Early Placement Program

Eligible senior students have the opportunity to enroll in CVCC's Early Placement program. Completion of the two-year Health Careers Program provides a solid understanding of entry-level knowledge and skills and a foundation for pursuing post-secondary education.

## STNA Certification Requires 80 Percent Mastery Scores

In the senior year, students take a *Patient Centered Care* course during the first semester. The Ohio Department of Health State Tested Nursing Assistant (STNA) certification is a major focus of this course. The STNA Certification requires not only mandatory classroom lectures, but also required skills.

- Students must complete 18 hours of clinical rotations at local nursing homes that are supervised by the instructors as students provide hands-on patient care and the application of learned skills. A certificate of course completion is provided at the end of the course if all requirements have been met. This completion certificate allows the student to apply for the state exam.
- The STNA state exam requires an 80 percent score on a written exam and an 80 percent score on each of five skills randomly selected by a computer to evaluate skill performance. Successful completion of the state exam places the student on Ohio's Nurse Aide Registry.



## Certified Phlebotomy Technician (CPT) Students Complete Rigorous Courses



The second semester senior course is the *Health Careers Capstone*, which incorporates phlebotomy course content. This course provides students with an opportunity to obtain their Certified Phlebotomy Technician (CPT) certification through the National Healthcare Association (NHA). All requirements established by the certifying body and the CPT National Certification Exam must be passed in order for the student to receive CPT Certification. Rigorous coursework along with multiple, supervised-laboratory skills are required for the CPT Certification. The program involves classroom lecture, and integrates an online phlebotomy course purchased through NHA.

The phlebotomy trainee must complete a minimum of thirty venipunctures and ten capillary sticks on voluntary subjects in order to be eligible to apply for the CPT certification exam. These individuals are recruited and scheduled by the student. All volunteers complete a consent form to participate in blood draws and capillary sticks and all live sticks are performed under the supervision of a registered nurse. Once all requirements have been met, students take the CPT exam and must score at least 390/500 on a scaled score to receive certification.

## Moving Students into the Phlebotomist Pipeline

Employment of phlebotomists is projected to grow 25 percent from 2014 to 2024, much faster than the average for all occupations. Hospitals, diagnostic laboratories, blood donor centers, and other locations will need phlebotomists to perform bloodwork. Source: Bureau of Labor Statistics – Occupational Outlook Handbook

## National employment and mean wage estimates for phlebotomist

Source: Bureau of Labor Statistics – Occupational Outlook Handbook

Employment	Employment RSE	Mean hourly wage	Mean annual wage	Wage RSE
120,970	1.4 %	\$16.22	\$33,750	0.3 %

**Industries with the highest levels of employment of phlebotomist:** General Medical and Surgical Hospitals and Medical and Diagnostic Laboratories, Other Ambulatory Health Care Services, Offices of Physicians, Outpatient Care Centers

### Cleveland Clinic Externship in the Phlebotomy Department

Morgan Griffin graduated from CVCC’s Health Careers program in 2016. While at CVCC, Morgan successfully completed both her STNA and CPT certifications. Following the completion of her phlebotomy certification, Morgan decided to pursue an externship with the Cleveland Clinic’s phlebotomy department following her high school graduation. As an adult student, Morgan completed the externship and then worked with an agency that staffed the Cleveland Clinic phlebotomy department. The agency was discontinued and Morgan was able to obtain employment with one of Cleveland Clinic’s community hospitals as a CPT. She is currently working as a phlebotomist and continues to take courses at Cuyahoga Community College as she pursues a degree in nursing.



### Enrollment Criteria for Health Careers at Cuyahoga Valley Career Center



Students enrolled in Health Careers should be on track with graduation requirements for freshmen and sophomore years, as set by their associate high schools. It is highly recommended that students have completed coursework in Biology and Algebra Level Math prior to beginning the Health Careers Program. Students receive coursework in the following:

- Medical Terminology
- Human Anatomy and Physiology
- Nutrition and Wellness
- Health Science and Technology

For the past two years, the Ohio Department of Education has required a course platform for instruction. As shown by the success stories, students can achieve their goals by using the knowledge and skills gained at CVCC for post-secondary education or employment. Career Tech education helps students achieve their goals by providing not only work experience, but also rigorous subject and skill material. Students can decide to go immediately into the work force or pursue post-secondary education. Either way CVCC students have accomplished a successful career path.

For more information on these two-year health career pathway programs, contact the instructors or principal at CVCC.

HSTW NE Ohio Region: [hstwne@gmail.com](mailto:hstwne@gmail.com)

Newsletter sponsored by HSTW Ohio Network, a not-for-profit organization supporting HSTW and MMGW sites in northeast Ohio

## Cuyahoga Valley Career Center is a nationally recognized award winning HSTW site

Cuyahoga Valley Career Center (CVCC) joined High Schools That Work (HSTW) in 2001-2002. For the past 16 years, the school has focused on increasing student achievement and graduation rates through implementation of the HSTW 10 key practices. CVCC success is due to strong leadership and a commitment to implementing a comprehensive school improvement plan, research-based strategies and nationally acclaimed career technical educational programs. CVCC received two HSTW national awards: Top 50 HSTW Sites 2006 and HSTW Platinum Achievement Award 2014-2016. In 2016, HSTW Ohio Network presented CVCC with a 2016 HSTW Outstanding Performance recognition for exceeding *All Sites* nationally and a top performing school in Ohio Northeast Region in *Academics, Career Guidance, Career Pathway Pipelines, and School and Community Experiences*.



### Cuyahoga Valley Career Center: School Profile

CVCC is a career technical center offering career-technical High School Programs, Adult Education, K-12 Career Education, and Community Services. The school is located in Cuyahoga County in northeast Ohio. Established in 1972 by eight public school districts, CVCC serves approximately 1,000 high school students from Brecksville-Broadview Heights, Cuyahoga Heights, Garfield Heights, Independence, Nardon Hills, North Royalton, Revere, and Twinsburg. In addition, CVCC serves more than 25,000 students K-12 through its Career Development program and nearly 3,000 adults annually from 25 different communities who seek career training.

Currently, CVCC offers 28 career-technical programs for high school students. The high school student population is 74 percent White, 21 percent African-American, and five percent Other. About 29 percent of the students are economically disadvantaged and eligible for free or reduced lunches, and 32 percent are students with special needs.

CVCC operates on a two-block schedule of three hours per block for the Career Tech programs and a nine-period day for the academic classes. To graduate, a student must earn the number of credits required by their associate school and meet Ohio's graduation requirements. This year, 98 percent of students are enrolled in Tech Prep programs. With technologically advanced programs and equipment, CVCC provides a strong technical foundation for today's employers. Each year, CVCC students earn state and national skill recognition and provide valuable community resources.

In 2000, Ohio joined the Southern Regional Education Board (SREB)'s High Schools That Work (HSTW) national network. SREB located in Atlanta, GA. chartered 1987 by a consortium of 13 member southern states now has HSTW sites in over 30 states. In 2002, Ohio joined the SREB's Making Middle Grades Work (MMGW). HSTW and MMGW states are among the first in the nation to implement strategies that address the critical transition from middle grades into high school and successfully transitioning from high school to postsecondary enrollment, employment or enlistment in the military. HSTW NE Ohio Region was officially funded by the Ohio Department of Education (ODE) as one of four HSTW regional centers serving 36 high school and career technical center and 16 middle grade sites in northeast Ohio.

For more information on HSTW NE Ohio Region, contact Diana Rogers, Regional Coordinator, [hstwdr@gmail.com](mailto:hstwdr@gmail.com) or the office at [hstwne@gmail.com](mailto:hstwne@gmail.com) 740.869.2650. For more information on the Ohio or national HSTW/MMGW networks, go to [www.ohiohstw.org](http://www.ohiohstw.org) or [www.sreb.org](http://www.sreb.org)

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