

CAREER & TECHNICAL EDUCATION - Did You Know...

- ◆ Currently, 66% of all high school graduates enroll in higher education.
- ◆ Only 25% of the 66% actually finish a four year degree.
- ◆ And half of the 25% of these graduates become "UNDER-EMPLOYED" which means they are taking jobs that do not require the education they have received.
- ◆ "It can be fairly surprising to realize that 31% of young workers with an associate degree earn more than those with a bachelor's degree, and that 27% of young workers with licenses and certifications earn more than those with a bachelor's degree".

From "Success in the New World Economy" - Kevin Fleming



A COMPARISON OF JOBS AND RELATED EDUCATION 1960 and 2018

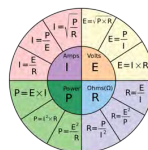
YEAR	Jobs requiring 4 year degrees	Jobs requiring skilled training	Unskilled Jobs
1960	20%	20%	60%
2018	33%	57%	10%

- ◆ The Schuylkill Technology Center offers twenty programs which are connected to over 45 certifications such as Servsafe, CPR, Mack/Volvo, OSHA 10, NIMS, AWS D1.1, CNA, and NOCTI.
- ◆ Students may earn up to 20 college credits that articulate into post-secondary schools including Thaddeus Stevens College of Technology, Pennsylvania College of Technology, Culinary Institute of America, The Pennsylvania State University, and Lehigh-Carbon Community College.
- ◆ STC Instructors combine current teaching strategies (such as MAX teaching), with real world experiences connected with recognized business and industry certifications.
- ◆ STC career and technical curriculum integrates both "theory components" and actual "hands-on" applications of the task-driven PA. Dept. of Ed. approved Programs of Study (POS).
- ◆ Student life on an STC campus includes opportunities to be involved with school related organizations such as the Vocational National Technical Honor Society, Student Government, DECA, HOSA, and SkillsUSA, SKIP clean-up projects, Toys for Tots, and annual blood drives.
- ◆ School-to-Work experiences are available to STC students through job shadows, internships, clinical, and cooperative education programs.
- ◆ Our students prepare for the workforce "job-ready" requirements through constant employer networking with actual job site field trips, recruitment seminars, and resume development.

Check out our new video: "STC and Career Pathways" located at : stcenters.org and YouTube link: https://youtu.be/f_QUx9S8PtY

Automotive Technology ★ Business Management ★ Carpentry Technology ★ Collision Repair Technology
 Computer Information Systems ★ Cosmetology ★ Criminal Justice ★ Culinary Arts ★ Diesel Technology
 Early Childhood Care & Education ★ Emerging Health Professionals ★ Pre-Engineering ★ Electronic Tech.
 Health Careers ★ Landscape & Floral Design ★ Precision Machining Technology ★ Masonry Technology
 Plumbing & Heating Technology ★ Residential / Industrial Electricity ★ Small Engine Technology ★ Welding

For more information concerning STC's twenty career and technical education programs, please contact Mrs. Tracey Picht at 570-874-1034 x4886 - North Campus, Frackville, or 570-544-4748 x3149, South Campus, Mar Lin



SCHUYLKILL TECHNOLOGY CENTER

LINK

CONNECTING CAREER AND TECHNICAL EDUCATION WITH BUSINESS AND INDUSTRY



The STC Link

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STC takes GOLD at SkillsUSA National Competition

Small Engine Student Kevin Graff is #1



The SkillsUSA National Leadership and Skills Conference was held June 18-24, 2016 in Louisville, Kentucky. Representing Schuylkill Technology Center in the Power Equipment Technology contest was Kevin Graff, who was up against 40 other competitors in his category. Kevin joined the SkillsUSA student organization on campus, which made him eligible to take part in competitions, starting at the local level, and then moving on to district, state, and finally, national level competitions. Along with Mr. Mack, SkillsUSA advisor and his wife Holly, Kevin made the 10 hour plus journey to Kentucky shortly after he graduated and the school year came to an end.

The first part of the national competition was a written test for a few hours, then Kevin moved on to the actual hands-on competition, which took place the following day. He spent his day moving throughout 12 different booths at 30 minutes each, working on a task or solving problems with various types of equipment in his field. The SkillsUSA championship complex spanned over 15 football fields in size and involved 100s of different competitions amongst thousands of competitors. Once Kevin started competing, he never looked back, earning high scores and eventually capturing an elusive National Gold Medal and earning first place. Through all of this dominance and accomplishments at the local, state, and national levels, Kevin continually kept his head on straight, and was well grounded in humility as he cherished every moment of the journey.

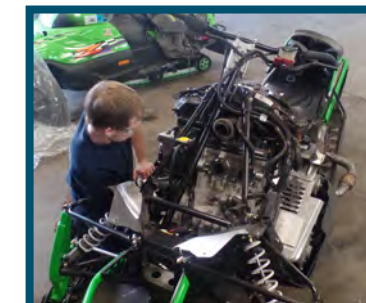
During any downtime in competition meetings, tests, or actual contests, Louisville had many activities and options for the students and advisors to pursue including outdoor amusement and water parks, the Louisville Slugger museum, a Selena Gomez concert, historical and science museums, and a variety of restaurants.

After all of the excitement and notoriety of winning a national competition, Kevin's immediate career pathway has led him back to Schreffler's Equipment, in the Pitman Valley to resume his employment, where he started an internship during his junior year through STC. According to Randy Schreffler (owner), "Kevin is an asset to our business as a result of his background and training with the electronics technology associated with this industry." Kevin's current job responsibilities include engine diagnostics, suspensions, alignments, and engine repair covering manufacturers such as Articat, Polaris, New Holland, and Ariens.

Kevin concluded: "Without STC, I would not knowingly be able to jump right into the workforce, and the SkillsUSA completion allowed me to see how I stacked up against mechanics from around the country." It has been an experience I will never forget.



LEFT: Kevin's SkillsUSA Gold Medal achievement is celebrated at Shenandoah's Sesquicentennial parade in August.



RIGHT: After graduation and the SkillsUSA trip to Kentucky, Kevin resumes employment at Schreffler's Equipment in Pitman.



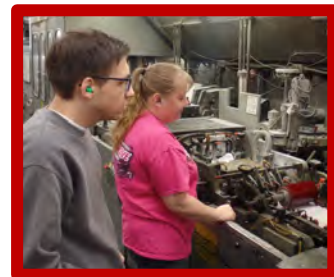
STC in the Workforce...

- ☆ Job Shadow ☆ Internships ☆ Clinical ☆
- ☆ Co-op (Capstone) ☆ Diversified Occupations ☆



SHUSTACK'S WELDING SHENANDOAH

Nick Shustack (Welding), prepares to flux core weld a bucket while supervisor Tyler Shustack offers assistance.



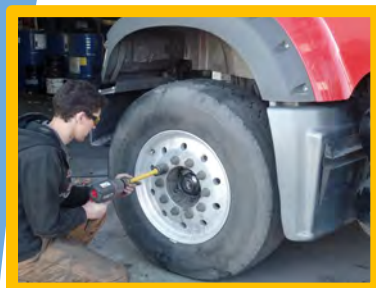
TRI-STATE ENVELOPE ASHLAND

Jeremy Donbrowski (Pre-Engineering) monitors the operation of 4 color high speed envelope production machine.



R & J TRANSPORTATION - POTTSVILLE

Jaggar Griffith (Diesel Tech.), meets with Minersville District Superintendent, Mr. Carl Mc Breen to review his job responsibilities.



JACK RICH INC. FRACKVILLE

Max Wytovich (Diesel Technology) uses a pneumatic driver to finish a tire replacement job.



LEHIGH VALLEY HEALTH NETWORK POTTSVILLE

Kortney Heim, Marguerite Ortiz, Courtney Earnest, Sarah Snyder (Emerging Health Professionals) prepare for a day of Job Shadowing at LVHN.



ARK RENTALS ORWIGSBURG

Konor Yurkonis (Small Engine Repair), services a roller motor under the supervision of Dean Lehman.



CHILD DEVELOPMENT ST. CLAIR

Adriana Zamudio (Early Childhood Care & Education), assists students with a building block project in play area.



GENESIS SCHUYLKILL CENTER POTTSVILLE

Health Career students are given an overview of operations on their first day of "Clinical".



ANTZ ENERGY SYSTEMS SHENANDOAH

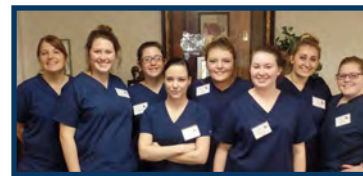
Ryan Gladowski (Pre-Engineering), services a heating unit terminal at a distribution center.



IT'S ALL ABOUT HEALTH!



STC HEALTH CAREERS - Nurse Aide Training



Level 3 Health Career students have the opportunity to enroll in the Pennsylvania State Approved Nurse Aide Training Program. Nurse Aide

Training is a 115 hour program that includes learning in theory, lab activities, and clinical experience. The program focuses on the skills needed to assist residents in long term care with their activities of daily living. Students receive training in communication, infection prevention, restorative care, and personal care. Students learn and practice health care provider skills in the lab which includes measuring and recording vital signs, transferring and ambulation, turning and positioning, occupied and unoccupied bed making, bathing, dressing, and grooming residents.

The most exciting part of nurse aide training is the clinical experience. Students have the opportunity to apply what they have learned in class by providing care to residents at Genesis Schuylkill Center in Pottsville. The clinical rotation is forty hours of training, under the supervision of their instructor, during which students assist residents with washing, dressing, feeding, ambulation, and more. Students interact with staff to coordinate the residents care.

"Being at clinical made me understand why the skills we learned were so important for the residents we cared for." – Taylor Rice

"Clinical is a great way to show what you know. It was very useful in gauging my ability and understanding of the skills we learned in class." – John Hess

STC EMERGING HEALTH PROFESSIONALS



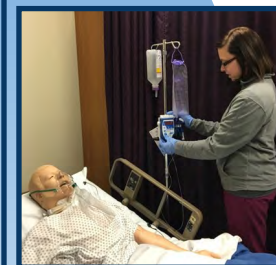
The Emerging Health Professionals program is a unique opportunity for aspiring secondary students wishing to launch their career pathway in the health field. During the 2016-17 pilot year, this dual enrollment program established partnerships between Penn State Schuylkill, Lehigh Valley Hospital - Schuylkill, Geisinger Oncology, Schuylkill Center and other local health care sites. The program combines skills-based, interactive and university level classroom learning along with shadowing in the health care setting.

The Emerging Health Professionals program provides high school seniors with an experience to a variety of health care careers in a hospital setting, and also earn eight Penn State college credits. Students spend two days a week rotating among various departments of a hospital and other health care settings. The shadowing portion provides students with observational experience concerning the health care professionals as they work with patients. This allows STC students an overview of the health care industry and all that it entails throughout their related coursework.

Students spend two half-days a week with Penn State faculty, and two half-days a week participating in shadowing, along with one half day a week participating in health curriculum taught by the STC instructor.

The fall semester course is Mammalian Anatomy with lab, and the spring course is Physiology with lab. All courses are taught by doctorate and master level educated staff. Interested juniors should contact their guidance counselor for an application.

STC ADULT PRACTICAL NURSING SIMULATION LAB PROVIDES REAL WORLD EXPERIENCE



The Schuylkill Technology Center's adult Practical Nursing Program is providing a state-of-the art education through the use of the Nursing Simulation Lab. The Simulation Lab contains four human patient simulators which offer a lifelike learning experience for the students in the Practical Nursing Program. The Simulation Lab provides students with the opportunity to learn and practice in a realistic and risk-free environment. These experiences offer invaluable opportunities to enrich and enhance learning as well as to increase student confidence in their nursing critical thinking skills.

The human patient simulators are wirelessly controlled by the nursing instructor from a remote one-way mirrored control center. The instructor is able to alter the mannequin's health status and verbally communicate with the student creating a unique patient scenario. Students immersed in the simulated clinical experience communicate with the human patient simulator, administer medications, treat wounds, monitor vital signs, and respond to acute changes such as, responding to a sudden stroke, internal bleeding or other emergencies.

When the students are working with four human patient simulators, the students are engaged in active learning to teach prioritization, critical thinking, and leadership. The Simulation Lab takes the Practical Nursing Program to the next level, providing students with the kind of real-life practice and execution of clinical reasoning skills that are necessary to best react to patients out in the field. Graduates of the Practical Nursing Program are employed in a variety of health care settings throughout Schuylkill County and surrounding areas such as Schuylkill Center Nursing Home, Rosewood Nursing & Rehabilitation Center, Shenandoah Manor Nursing Home, Hometown Nursing and Rehabilitation Center, Hershey Medical Center, PSA Homecare, State Correctional Institution - Mahanoy, The Schuylkill Intermediate Unit – School Nurse, and Geisinger Medical Center.

Anyone interested in enrolling in the adult Practical Nursing program should contact the Practical Nursing office at (570) 874-1034 Ext. 4881



FOR MORE INFORMATION CONCERNING STC SCHOOL TO WORK PROGRAMS, PLEASE CONTACT: Mr. McGinley at:
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