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The Official Newsletter of CWCTC


CENTRAL WESTMORELAND  
Career & Technology Center  
New Stanton, PA

[cwctc.org](http://cwctc.org)

# PHOENIXQUARTERLY



## CAREER DAY ENERGY -IT WAS ELECTRIC!

 90+ EXHIBITORS PARTICIPATED  
from various businesses, unions, trade  
schools, colleges, military, and more.

**H**eld on Wednesday March sixth, our CWCTC students showcased professionalism at its finest, impressing everyone with their poise and confidence. Students visited exhibitor booths during part of their class time here at the CTC, and were able to ask questions, gather information and set-up interviews with prospective employers. A huge thank you to all the local businesses and industries for their support and collaboration. Together, we're shaping bright futures and bridging the gap between education and the workforce! See additional photos on our Facebook page:

 Central Westmoreland CTC. 



Central Westmoreland Tech Center Yearbooks On Sale Now!

Publisher: Varsity Yearbook  
(Formerly Herff Jones)

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Use CWCTC Order Number When You Log On: **25987**

Seriously . . . Don't Miss A Memory!!

 PHOENIXQUARTERLY is a production of the CWCTC Multimedia Design Class Instructor: Mrs. Jessica Lingsch  
Article Contributors: CWCTC Student Ambassadors from each Program of Study

## AGRICULTURE & LANDSCAPE DESIGN



**T**hroughout the third quarter, students in Agriculture completed many tasks such as floral arrangements for a prayer group breakfast. During the Elementary Night that was held at CWCTC, students began growing plants for our end-of-year greenhouse sale, and we will also begin laying out the ground marks to start on the Phoenix Falls Koi Pond and Aquaponics System. Hopefully we will break ground soon. Our class continues to work on more certifications and career and job skills as well.

Follow our CWCTC FFA page on Facebook at:

 [Central Westmoreland CTC FFA](#)

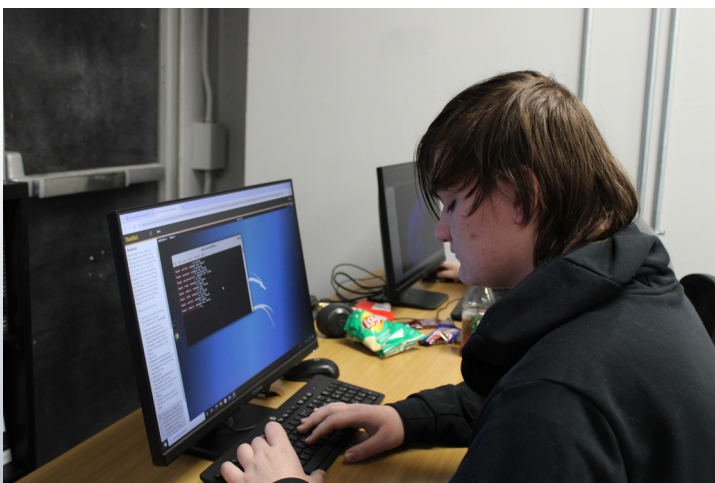


## ASPIRING EDUCATORS

**T**he Aspiring Educators Program accomplished various goals this quarter. Each student observed classrooms in numerous settings. Four AE students are participating in SkillsUSA competitions at the state level coming up in April. We took a trip to Carlow University, where we toured the campus and Education Department. We are still working through our curriculum, which prepares us for the world of education and the road to college after graduation. We were fortunate enough to have guest speakers from different areas, including Dr. Serenka from Duquesne University and Mr. Ward, a Teacher-of-the-Year finalist for 2024. The diversity of the educational backgrounds of these speakers allows us to broaden our knowledge and begin to shape the idea of what pathway we want to take in the future.



## COMPUTER & INFORMATION SCIENCE



**I**n the third quarter, most Computer and Information Science students are working on finishing their PC Pro certifications. In addition, the second class being offered from Westmoreland Community College, is in full swing. It is called Digital Forensics Fundamentals, and it is taught through Zoom lectures and an online service called Cengage. Seniors have been learning the specifics of Microsoft Excel and Access in preparation for the hands-on NOCTIs.



## AUTOMOTIVE COLLISION

In Automotive Collision this quarter, students are detailing and performing body repair. While underclassmen are working on Mr. Shaw's Limited Edition Body PT Cruiser, the seniors are preparing for the NOCTI exam by modifying fenders to make them look brand new. In addition to body repair and painting, students are working hard to restore client's cars and boats for the upcoming fishing season.



## AUTOMOTIVE MECHANICS

During the third quarter of the school year, Auto Tech students have been hard at work. Recently, our second year students have been carefully disassembling strut assemblies and other suspension components. Currently they are learning how to properly remove coil springs and leaf springs from underneath vehicles and either replace them with new components or return the old ones to the underside after being cleaned or repaired. Third year participants can take their State Emissions and Inspection classes at a reduced cost and they can earn both licenses.

## CONSTRUCTION TRADES

This quarter, the students in Construction Trades have been very productive. In the Carpentry shop, second year rotation students completed their 4'x8' Tiny House projects and had the opportunity to work on various community projects including Greensburg Salem Middle School and Youngwood Borough. While working with Electricity and Plumbing, students continued building electrical booths and bathrooms. Additionally, they learned to wire complex circuits. Lastly, in Masonry, students built brick and block pillars and walls. They also proceeded to improve their mortar-making skills.



## COSMETOLOGY

There is exciting news in Cosmetology. Level One students have been working on permanent waves and processing. They have also been learning spa facials that include steam machine and specialty mask treatments. Level Two students are mastering color correction, updos, waxing, and acrylic nails. Level Three participants are studying to get their Cosmetology licenses. So far we have taken the written portion of the NOCTI and will be taking the practical component in the near future. Everyone is striving to finish all 1250 hours while also looking forward to the Chicago Hair Show Field Trip!



## CULINARY ARTS

In our cooking class, we have expanded our culinary knowledge and skills through various activities such as learning different knife cuts, trying out different recipes, making charcuterie boards, baking cupcakes, and serving food for meetings. We have also explored spices and their ability to enhance flavors in various dishes. Cooking different types of food has further improved our abilities and taught us about unique techniques and tastes. Proper knife usage has been emphasized, teaching us precision and artistry. Overall, we have gained valuable information that will benefit our future pursuits.



## FCCLA STATE COMPETITION WINNERS ANNOUNCED

Six CWCTC Culinary Arts students, along with their teacher/advisor duo Christie Parks and Colby Pettis, recently attended the FCCLA (Family, Career, Community Leaders of America) State Leadership Conference March 18 - 20th in Lancaster, PA. FCCLA is a national non-profit student organization that helps youth develop leadership and workplace skills to prepare for both college and careers through peer to peer education, community engagement and the application of skills learned in the Family and Consumer Science Field. FCCLA provides an opportunity to learn and lead through competitive events for chapter, state, and national recognition. Competitions range from individual to team opportunities and are focused on career preparation, leadership, and foundational life skills. Today over 160,000 members in nearly 5,400 chapters are active in a network of associations in 47 states, including the Virgin Islands and Puerto Rico.



### Hospitality and Tourism - Bronze

Landon Angulo 10 - Hempfield and Bryce Gamble 10 - Mt. Pleasant

### Food Innovation - Silver

Seth Sterrett 11 - Hempfield

### Baking & Pastry - Silver

Caroline Davis 11 - Penn Trafford

### Culinary - Gold

Mya Parker 12 - Belle Vernon

### Knife Skills - Gold

Zach Kellner 11 - Hempfield

### Chapter Member of the Year

Bryce Gamble 11 - Mt. Pleasant

**Certificate of Recognition - New FCCLA Advisor** Chef Colby Pettis



## ELECTRICAL TECHNOLOGY

In Electrical Technology, we are diving into important tasks such as setting up service entrances, handling branch circuits, and perfecting the installation of ceiling fans. Additionally, we are preparing for the NOCTI exams, which evaluate our grasp of electrical principles and practices. Through a blend of hands-on performances and instruction, we are acquiring the expertise needed for future roles in the electrical field once we graduate.





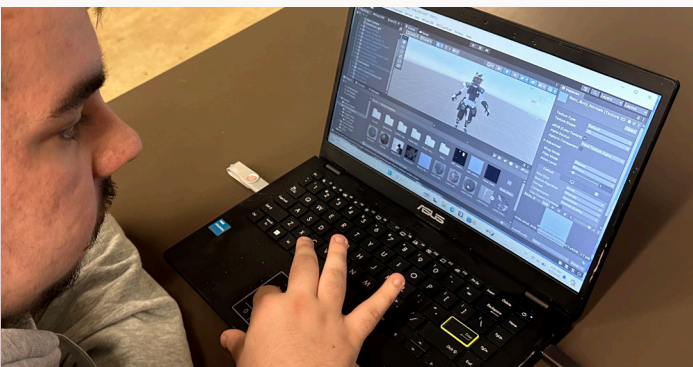
## HEALTH OCCUPATIONS

The Health Occupations program has many exciting things taking place. Seniors are preparing for their NOCTI testing by practicing skills such as vital signs, bed to wheelchair transfer of patients, and dressing and undressing patients. Additionally, students learned medical filing and charting systems. They now know how medical records are organized alphabetically and numerically. The class also visited Westmoreland County Community College to look at the health programs they offer. Lastly, students are anticipating their field trips to Redstone, Westmoreland Manor, and Saint Anne's residential homes where they will explore possible job opportunities.



## MULTIMEDIA DESIGN

Multimedia Design is having so much fun this quarter! Our most recent assignments have included fashion design, character design, and storyboarding. Fashion design makes us think about clothing trends and the thoughts provoked by statement clothing. Character design focuses on shape language and conveying a story through items instead of words. Storyboarding helps teach us organization for an upcoming film project. Each of these creative lessons will assist with future projects and job experiences. Seniors have also been diligently practicing for the upcoming NOCTI exam. It will test their knowledge and application of all the lessons they have practiced over the years. We are excited to see where the 4th quarter takes us.



## HVAC & STEAMFITTING

Right now we are currently engineering spiral ductwork for our Robotics Engineering and Manufacturing program at CWCTC. We have been setting anchors and struts so that the duct can hang with adequate support from the ceiling. We will be running two sets roughly sixty feet long. This will supply heating and cooling to the entire shop area so that the machines can be at a constant temperature. We have also been learning how to use a concrete hole saw rig. Additionally, we practiced how to mount and level the drill to a concrete wall and use a wet core bit to penetrate concrete for plumbing pipe or flue pipe from the multiple units in our shop. As a final project, the class has constructed multiple header systems for all of the flue pipes to attach. This prevents back draft. All of this has come together to help us learn the skills we need to be employable in the field of HVAC/ Plumbing.



## POWERLINE

Powerline juniors are doing some challenging electrical projects and learning how to bend conduit and the seniors are gaining valuable skills including operating the bucket and digger truck, material identification and pole top rescue. They are also preparing for NOCTI testing and Duquesne Light is coming in to test our seniors on what they know. Everyone is getting hands-on experience in different aspects of the field!



## PROTECTIVE SERVICES

**P**rotective Service students are working through Winter this quarter. AM-1st year individuals are busy learning the details of Law Enforcement including their favorite day of the week: "Firearm Friday." PM students have been busy mastering EMS skills such as splinting, patient assessments, and traumatic injury interventions. The close of the quarter will have all Protective Services participants transitioning into new tasks and preparing for National Registry for Emergency Medical Technicians testing, and IFSAC/ProBoard Firefighter I examination!



## RESTORATION & DESIGN

**T**his quarter we have been busy with pallet wall installations. Both CWCTC offices, and the Belle Vernon Administrative Office received a new look with these designs. AM has been working on wood finishing, and staining. PM has been learning Wallpaper applications. We had a field trip to Greensburg Middle School to help them with their Administrative department. NOCTI testing is next for our Seniors. As a result, we are preparing the walls, doors and trim for these assessments.

" I see myself as a  
**Fire Fighter** "



**CHRISTIAN  
NESTOR**

**FUTURE PLANS:**  
After graduation and my Co-op at Jefferson Hills Fire Rescue, I plan to work as a firefighter for the Pittsburgh Bureau of Fire in Pittsburgh PA.



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PROTECTIVE SERVICES • MOUNT PLEASANT

FEBRUARY S.O.D.

" I see myself as an  
**Industrial/Commercial  
Painter** "



**CHRISTINE  
WIEDEMAN**

**FUTURE PLANS:** After graduation, I plan to join the Painters Union IUPAT District Council 57, Carnegie, PA. My goal is to become a professional Industrial/Commercial Painter and Drywall/Wallpaper Hanger and hope to be hired soon in a Co-op by my school district.

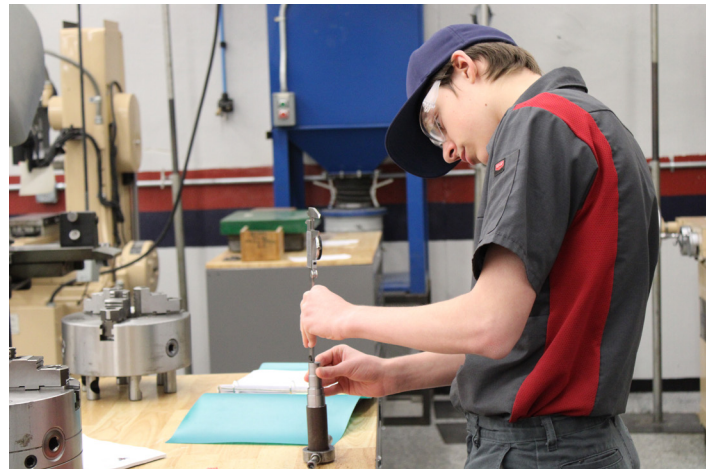


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RESTORATION & DESIGN • MOUNT PLEASANT



## SERVICE OCCUPATIONS

**D**uring the third quarter, students in the AM session of Service Occupations worked towards ServSafe Food Handler Certification while PM students delved into OSHA-10 training for workplace safety. AM students also focused on dining room tasks and one PM group explored the art of crafting pasta dishes, casseroles, and sauces, while mastering the technique of making roux and bechamel sauces. Additionally, they focused on restocking duties, managing the snack shop and custodian closet, and ensuring an ample supply of printer paper. This holistic approach provided students with practical skills for various service-oriented roles.



## ROBOTICS ENGINEERING & MANUFACTURING - REM

**I**n the REM program, on Mr. Sedlacek's side we are learning how to use Mastercam and operate Lathes and Mills. We get to machine the parts we design on Mastercam. On Mr. Pelzer's side, we have been working on Robots, AutoCad Drafting, and some Electronics Projects. We have also been assigned various Tooling U tasks on our school computers.

## SPORTS MEDICINE

**I**n Sports Medicine, our seniors are preparing for their NOCTI tests, while the 2nd year students are learning about elbow, wrist, and hand anatomy, and how to evaluate and diagnose various sports and activity-related injuries. Students will measure the range of motion of the wrist and elbow using a goniometer and determine how to determine muscle weakness with manual muscle tests (MMT). They will then create and implement elbow, wrist, and hand rehab programs and work one on one with each other. First year students are learning about the different lower leg muscle compartments, as well as their origins, insertions, and actions.



## LOOKING AHEAD Important Dates at CWCTC

### APRIL

19 : Q4 Progress Reports

### MAY

6 : Technical Honor Society Ceremony\*

8 : CWCTC Signing Event\*

13 : SRC - evening event  
(Senior Recognition Ceremony)

15 : CWCTC Student Picnic\*

20 : Incoming Student Night - evening

27 : NO SCHOOL - Memorial Day

30 : Last Day of School for students

\* event during the school day



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## WELDING STUDENTS PLACE AT PENNSYLVANIA STATE COMPETITIONS



**C**ONGRATULTIONS to CWCTC Seniors:  
PATRICK SCHADE  
Norwin  
CADEN MILLER  
Mt. Pleasant  
TRACE STILLWAGON  
Greensburg Salem

Winners of the Silver Medal at the Pennsylvania State Metal & Welding Fabrication Contest



## WELDING & METAL FABRICATING

**F**or the third term in Welding with Mr. Baur, seniors are preparing for both the performance and theoretical components of the NOCTI test. Underclassmen just finished the Gas Tungsten Arc Welding theory module, more commonly known as TIG or Heliarc. Currently, they are learning about Weld Quality, Testing and Inspection.



## MEET TUCKER

*–Everyone’s Favorite Co-worker*

**S**tudents and staff at CWCTC were recently introduced to TUCKER CRIST –who quickly became everyone’s favorite co-worker! Tucker is CWCTC’s Therapy Dog, and resides with Mrs. Mikki Crist, CWCTC Community Engagement Coordinator both at school and at home. You may run into this dynamic duo in the halls of the CTC or upstairs in the Workforce Development Suite. Tucker is an English Cream Golden Retriever and received his credentials from Therapy School at the end of January and headed straight to the workforce. He is paws-itively the perfect advocate for PPE in the Workplace, as you can see him modeling his gear at right. He is always friendly and offers free comfort and joy to students and staff alike. Tucker is a member of Therapy Dogs United, enjoys relaxing on his down time, and loves social media too! You can follow this handsome four-legged boy at school –or on his Instagram and TicToc accounts [@TuckerDigsTech](#). The CWCTC Phoenix Phamily welcomes Tucker! 🐾

