



PHOENIX QUARTERLY

Volume 1 | Issue 3
 SPRING/SUMMER 2024 Edition

The Official Newsletter of CWCTC

CENTRAL WESTMORELAND
 Career & Technology Center
 New Stanton, PA

cwctc.org

CONGRATULATIONS

PENNSYLVANIA STATE SkillsUSA® GOLD MEDALISTS

CALEB ENCI & CAMRYN McMULLEN-JONES



Competition: **COMPUTER PROGRAMMING**
 CWCTC: **COMPUTER & INFORMATION SCIENCE** School District: **FRAZIER**

Competition: **MEDICAL TERMINOLOGY**
 CWCTC: **SPORTS MEDICINE** School District: **NORWIN**

Congratulations to all of our incredible students who showcased their skills and dedication at the Pennsylvania State SkillsUSA competition! Your hard work and determination have truly paid off, and we couldn't be prouder of each and every one of you. A special shoutout to those who brought home gold and silver medals! Your exceptional talent and commitment have shone brightly, and you've truly made us proud. Keep reaching for the stars and never stop believing in yourselves. To all of our students, whether you competed or supported your peers, thank you for representing our school with such excellence and sportsmanship. You are all shining examples of what can be achieved through passion, perseverance, and teamwork. Let's continue to celebrate each other's successes and inspire one another to reach even greater heights. Good Luck Caleb & Camryn at SkillsUSA Nationals in June!



See additional photos on our Facebook page:
 Central Westmoreland CTC.

LOOKING AHEAD at CWCTC

MAY 27 NO SCHOOL - Memorial Day
MAY 30 Last Day of School for CWCTC students


AUGUST 26 FIRST DAY of Instruction
SEPTEMBER 2 NO SCHOOL - Labor Day
OCTOBER 14 NO STUDENTS - Teacher Inservice

PQ PHOENIXQUARTERLY is a production of the CWCTC Multimedia Design Technology Program of Study
 News Article Contributors: CWCTC Student Ambassadors from each of our nineteen Programs of Study who also attend one of our ten sending School Districts. Instructor: Mrs. Jessica Lingsch



AG FOCUSING ON PHOENIX CAMPUS & ANNUAL PLANT SALE



Agriculture and Landscape Design students at CWCTC have been hard at work this Spring! Recently, the Ag students have been preparing the campus for the Senior Recognition Ceremony by beautifying the outdoor landscaping beds. Mulch, shovels, rakes, and hard work made the project successful. The class is also designing and installing a Koi pond, the Phoenix Falls, funded by grants from the state of Pennsylvania. Finally, the hard-working team has prepared the greenhouse for their annual FFA plant sale! Follow our CWCTC FFA page on Facebook for more info  Central Westmoreland CTC FFA

ASPIRING ED SHINES AT STATE CONFERENCE & CWCTC EVENT



In April, six enthusiastic students from our Aspiring Educators program made waves at the Educators Rising Conference in Millersville, Pennsylvania. Not only did they connect with fellow future educators statewide, but **Ava Zufall**, junior at Mt. Pleasant HS, also clinched second place with her inspiring speech! Additionally, they recently shone during CWCTC's Bring Your Child to Work Day, organizing a fun-filled scavenger hunt that delighted staff children. As the academic year concludes, these rising stars are eagerly looking forward to their second year at CWCTC, ready to achieve even more!



AUTOMOTIVE COLLISION PROJECTS AT FINISH LINE

In the last quarter of Automotive Collision, the students are working on various projects. As the end of the year is approaching, all of the students are very busy. Many students are racing to complete their projects before the school year is completed. One of the projects is a Volkswagen bench that has just been completed. A student is rebuilding his truck, while others are working together to start cleaning the shop in preparation for the new school year ahead.

AUTO MECHANICS STUDENTS HANDS-ON EXPERIENCES

First year students are learning vehicle body electrical while others are working to finish up their engine projects. The second year students have been going over alignments this quarter and continue to work on previous repairs we have covered this year. Seniors have been busy with earning a State Inspection license, Emissions license, and EPA 609 A/C certification. Seniors have also been working to finish an engine replacement, several tire changes, several brake changes, and learning engine performance diagnostics.





CIS STUDENTS COMPLETE CERTIFICATIONS, START JAVA

In the fourth quarter, many Computer and Information Science students are finally finishing up their PC Pro certifications, with only a few stragglers. Those finished are starting their adventures in Java programming. This will eventually lead to learning GUI software development if time permits. Our Digital Forensics Fundamentals class with WCCC ended last week, and students enrolled are now job shadowing our IT intern Michael, who is a CWCTC alumnus, on Tuesdays and Thursdays.



CONSTRUCTION TRADES WRAPS UP BUSY QUARTER

The final weeks in Construction Trades have been very busy. In carpentry, seniors worked on finishing the roof of the 3200 sq. ft. Cosmetology addition. Additionally, students had the opportunity to work on various district projects such as Jeannette Stadium and Youngwood Borough. In electrical and plumbing, students continued building electrical booths and bathrooms. Additionally, they learned to wire complex receptacles. Lastly, in masonry students built brick and block pillars and walls. They also proceeded to perfect their mortar-making skills.

COSMETOLOGY STUDENTS PRACTICE PROM PREP, SKINCARE MASTERY, AND INDUSTRY EXPERIENCE

Level 1 Cosmetology students have been busy this month working on facial skincare and makeup applications. This included specialty chocolate facial masks and making custom exfoliation scrubs. They have also been working with prom styles including makeup, hair, eyelash extensions, and eyebrow shaping. Currently they have been updating their portfolios and learning about temporary haircolor applications.

Level 2 Cosmetology students have also been working on preparations for the prom with clinic services including updos, manicures and hair coloring. Students learned how to perform eyelash extensions, and have been updating portfolios with their most recent work. Students have been demonstrating braiding techniques with tours and applying hair tinsel. Many students are finding summer jobs as salon assistants to further their knowledge of the industry.

Being a student ambassador of the Cosmetology program, means showing devotion to your skill, under any circumstance. As first year ambassadors, students encouraged the touring students to excel their high school education through our trade by explaining the importance of taking education seriously. Sitting as a Level 3 ambassador does not mean we are the leaders of the class, this means we have the ability to encourage students to do their best. We have grown accustomed to demonstrating the correct procedures and creating a more welcoming and safe environment.



PROGRAM COLLABORATION : CULINARY ARTS + MULTIMEDIA STUDENTS TEAM UP FOR INNOVATIVE FOOD TRUCK PROJECT ENDING WITH SCHOOL-WIDE PARTICIPATION RALLY



Collaboration between Culinary Arts and Multimedia Design classes has resulted in a food truck project. Culinary Arts students develop recipes and plan menu creation, ingredient sourcing, and food truck design. Targeting students and adults, the food truck caters to diverse preferences. Strategic location and social media promotion attract customers and generate excitement. The project fosters creativity, teamwork, communication skills, and business acumen essential for success in the culinary industry. Ultimately, the food truck venture enhances students' educational journey and establishes a foundation for future culinary endeavors.

ELECTRICAL TRADES TECHNOLOGY REACHING NEW HEIGHTS

We take on some exciting challenges during the fourth quarter of our Electrical Technology class. We get to create complex projects and trade them with our classmates. Alongside this, we also undergo scissor lift training combined with an obstacle course, which is fun and challenging. We learn the ins and outs of operating a scissor lift safely while navigating through obstacles. Trading projects allows us to collaborate and learn from each other's ideas. These activities deepen our understanding of electrical concepts and develop vital skills like problem-solving and teamwork, preparing us for future endeavors.



HEALTH OC STUDENTS INTRODUCED TO EKG MACHINES + MORE



The end of the year means a few more certifications for Health Occupations students. Seniors have just completed the online course for Mandated Reporters. They also completed Direct Care Staff Training. CPR and Basic Life Support skills and certifications have been maintained. Seniors and juniors alike were introduced to EKGs. They had the opportunity to perform EKGs on one another with brand new machines. Health Occupations students were the first to use our new ECG simulator manikin. Several local healthcare facilities/ nursing homes participated in mock job interviews with students, giving them a glimpse into the professional world.

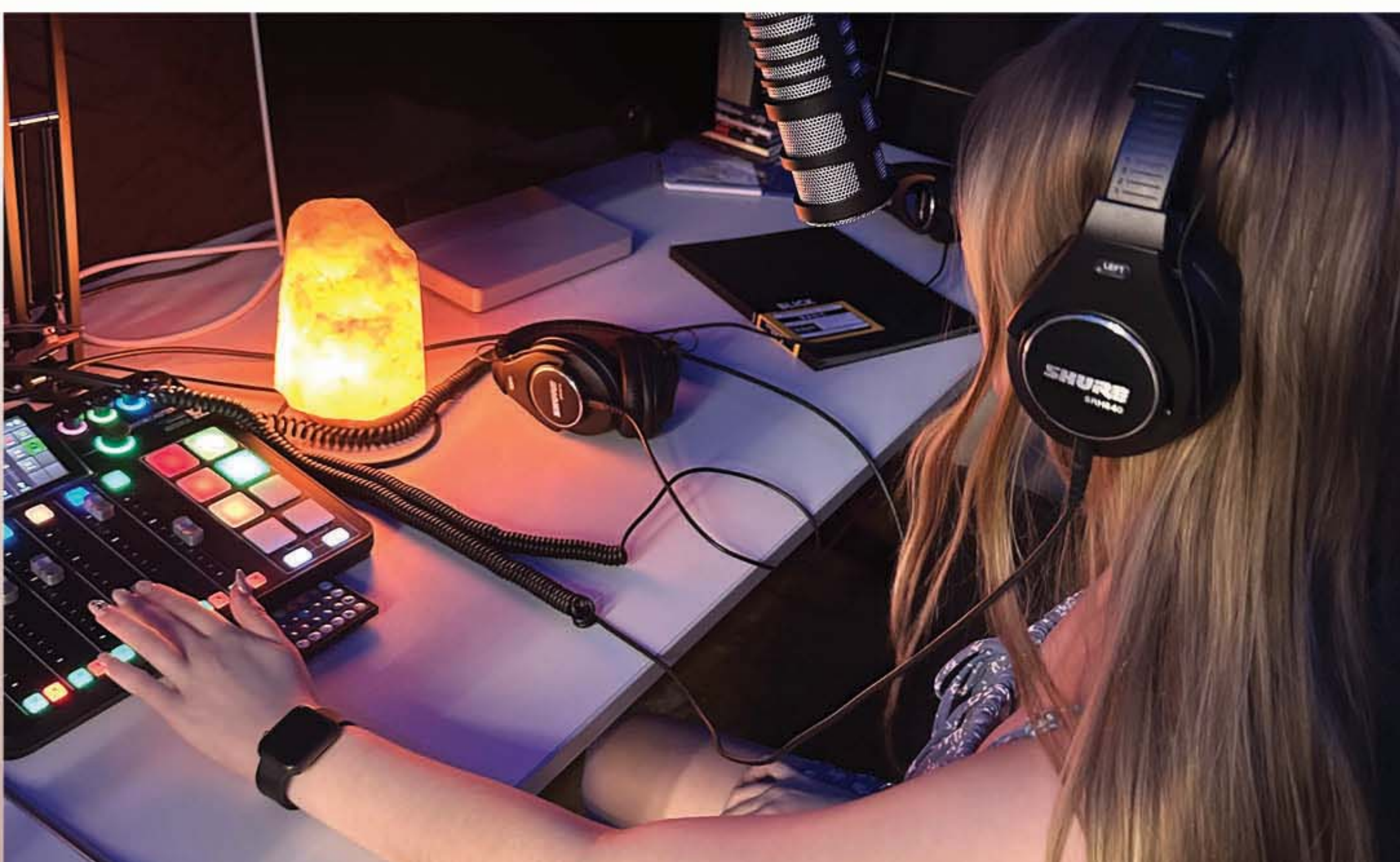
HVAC STUDENTS MAKE COOLING REPAIRS

This month in HVAC, we received two different types of coolers that were no longer usable. We had a few of our students working on them including replacing the fan, checking refrigerant levels, and cleaning them. After analyzing the coolers, we figured out how to fix the problems. We had to order an evaporator fan as well as a condenser fan. After installing the fans we tested the coolers and tested the refrigerant levels making sure they are at the proper levels. Now both coolers are currently operational.



MULTIMEDIA DESIGN SENIORS PERFECTING PORTFOLIOS AND SILENT FILM HISTORY

As the school year is coming to a close, Multimedia Design students are striving to wrap up multiple projects. They have completed custom apparel orders for numerous classes alongside their standard lessons. Film History has been a significant topic recently, with the class enjoying a 1920s silent film named Nosferatu, illustrating the various skills needed to make a film. Seniors are finalizing their portfolio work and resumes as they prepare to embark on their career search. What a wonderful school year it has been!



POWERLINE CLEARING WAY FOR BEGINNER'S CLIMBING AREA

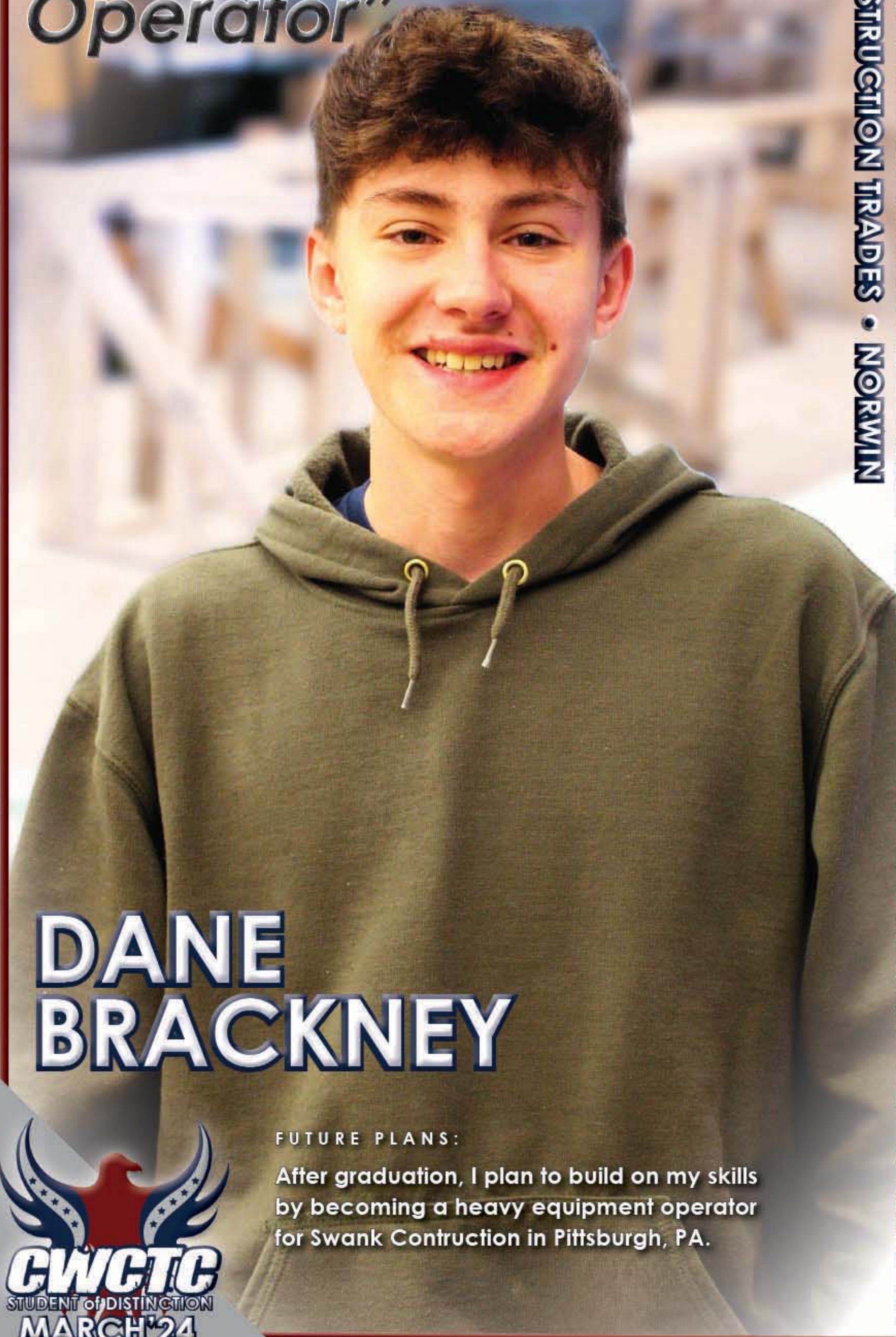
With the 2024 school year ending, our powerline students have been very hard at work. So far, throughout the year we have done a variety of projects. We have worked on building lines, operating the bucket and digger truck, and changing insulators on the tower. We are currently working on sorting out the pile of utility poles that our class uses to learn how to properly set and climb. An upcoming project we have is working on clearing out space to put a new beginners climbing area. While all this is awesome, we also have two students on Co-Op. These students are employed by Esposito Landscaping and Trout Electric. Before the end of the school year, we hope to have the new beginner's climbing area done for upcoming students.



LIVE FIRE TRAINING AND EMT CERTIFICATIONS EARNED IN PROTECTIVE SERVICES

This month in Protective Services the second year students did their yearly burn. They were taken to the Westmoreland College training grounds where a building was set on fire, and teams of students were sent to extinguish the flames. This happened twice in separate weeks equalling about eight hours of burn time. The seniors went to take the NREMT psychomotor test which every student passed gaining their EMT.

“ I see myself as a
**Heavy Equipment
Operator**”



**DANE
BRACKNEY**

FUTURE PLANS:

After graduation, I plan to build on my skills by becoming a heavy equipment operator for Swank Construction in Pittsburgh, PA.



CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
CONSTRUCTION TRADES • NORWIN

“ I see myself as a well established
Cosmetologist”



**JULIANNA
GILLIGAN**

FUTURE PLANS:

After my high school graduation and Co-Op at Smartstyle in North Huntingdon, PA, I plan on working full-time in a full service salon.



CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
COSMETOLOGY • NORWIN

MARCH S.O.D.

“ I see myself as a
**Diesel Equipment
Mechanic**”



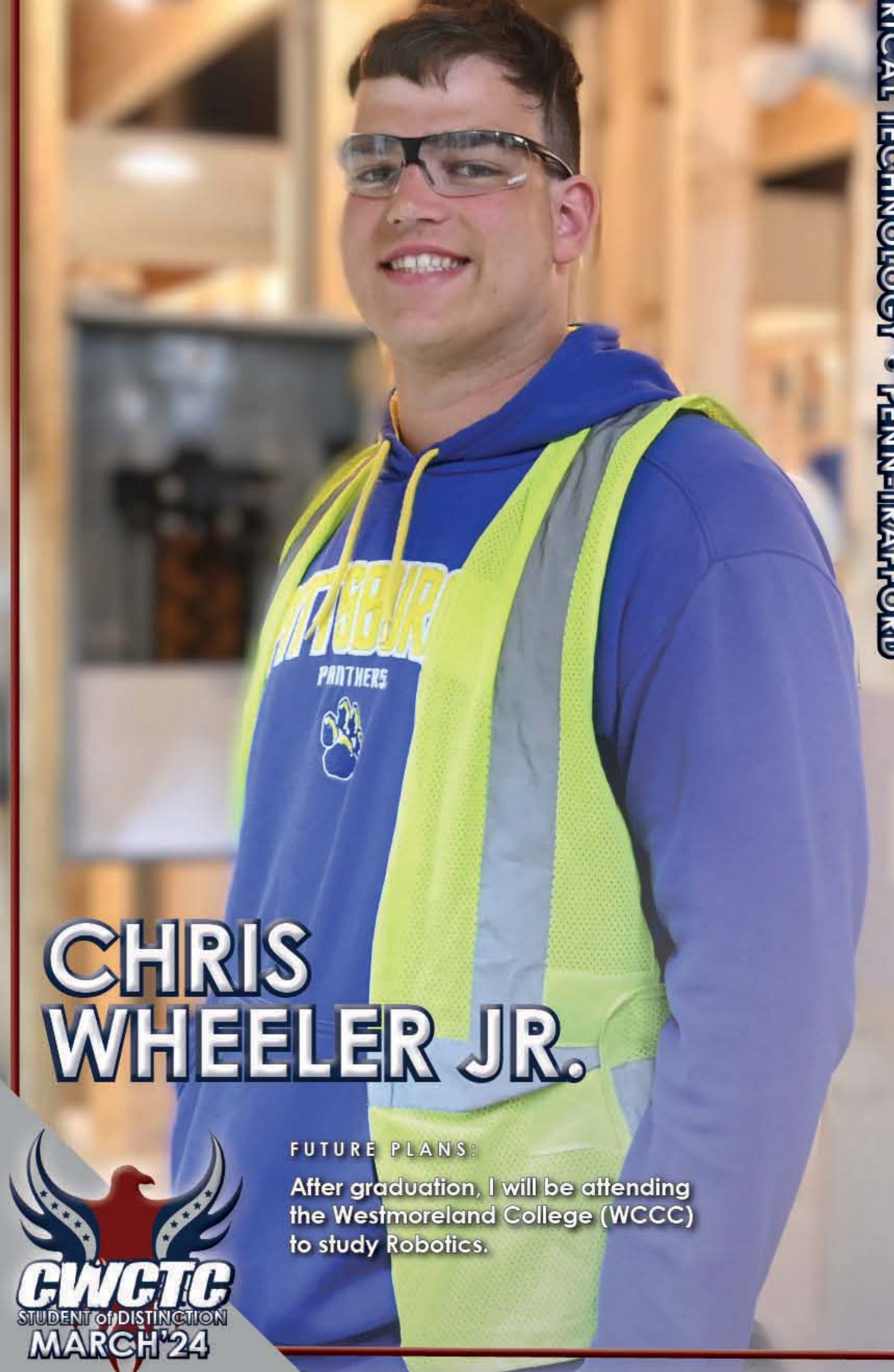
**ANDREW
MACEY**

FUTURE PLANS: I will continue my Co-Op with both Webb's Service Center LLC in Youngwood, PA and CWCTC until after my PT graduation then further my studies in Commercial Truck/Diesel and Heavy Equipment Technology at Pennsylvania College of Technology. I seek to be employed in the Heavy Equipment field while attending PCT to gain a better understanding in what area I plan to specialize in. After a few years working for a company, my hope is to then open my own diesel equipment shop and also become an educator in the trades.



CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
AUTOMOTIVE MECHANICS TECHNOLOGY • PENN-TRAFFORD

“ I see myself as a
PLC Programmer”



**CHRIS
WHEELER JR.**

FUTURE PLANS:

After graduation, I will be attending the Westmoreland College (WCCC) to study Robotics.



CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
ELECTRICAL TECHNOLOGY • PENN-TRAFFORD

Life The Phoenix, We Rise Above

“ I see myself as an
Automotive Prepper”

CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
AUTOMOTIVE COLLISION TECHNOLOGY • SOUTHMORELAND



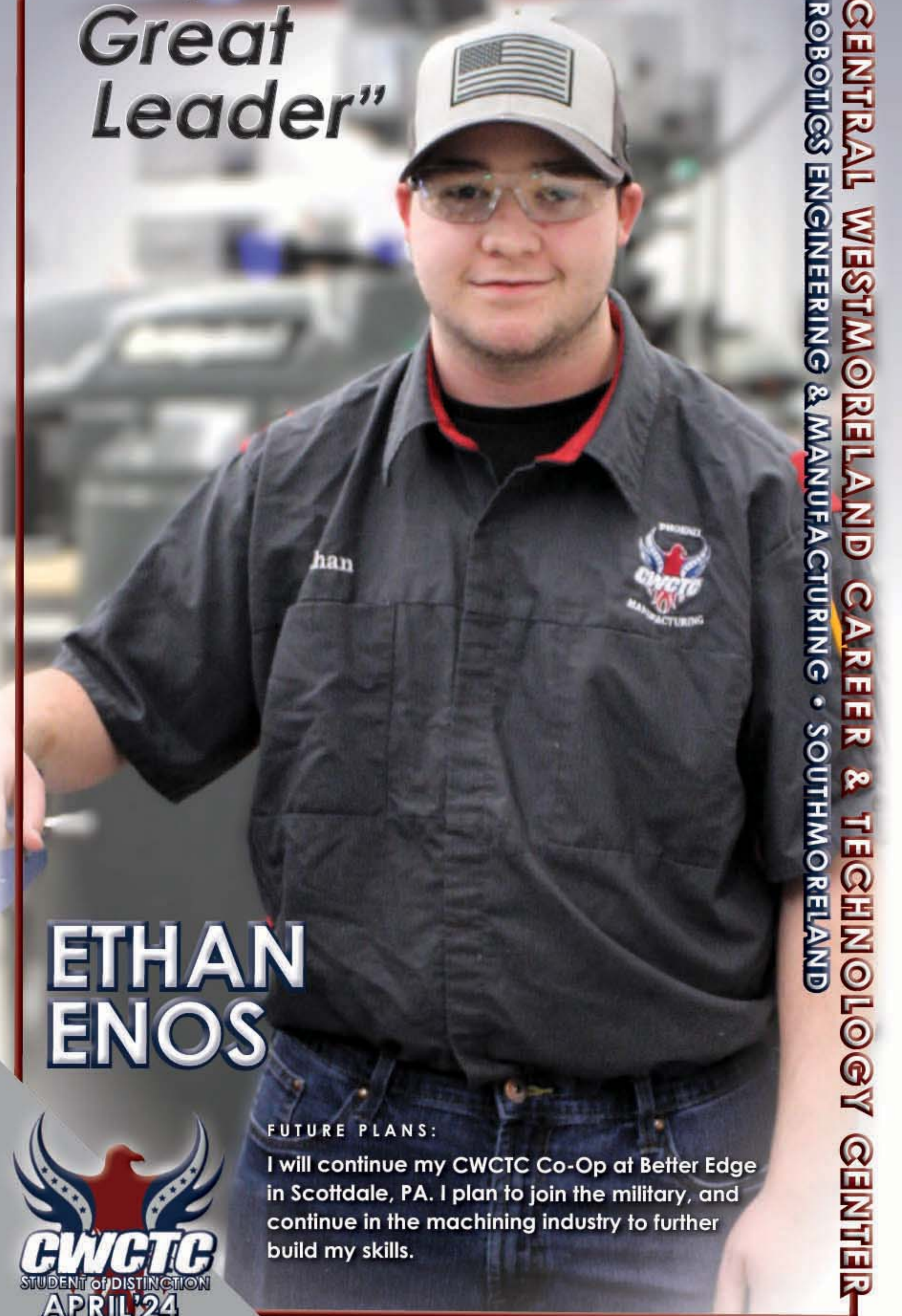
**CHRISTIAN
SMITH**

FUTURE PLANS:
After my graduation and Co-Op at Small Collision Center in Greensburg, I plan to continue my employment as an Automotive Prepper.



“ I see myself as a
Great Leader”

CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
ROBOTICS ENGINEERING & MANUFACTURING • SOUTHMORELAND



**ETHAN
ENOS**

FUTURE PLANS:
I will continue my CWCTC Co-Op at Better Edge in Scottsdale, PA. I plan to join the military, and continue in the machining industry to further build my skills.



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“ I see myself as a
Forensic Psychologist”

CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
RESTORATION & DESIGN • YOUGH



**MADELYN
MANCINI**

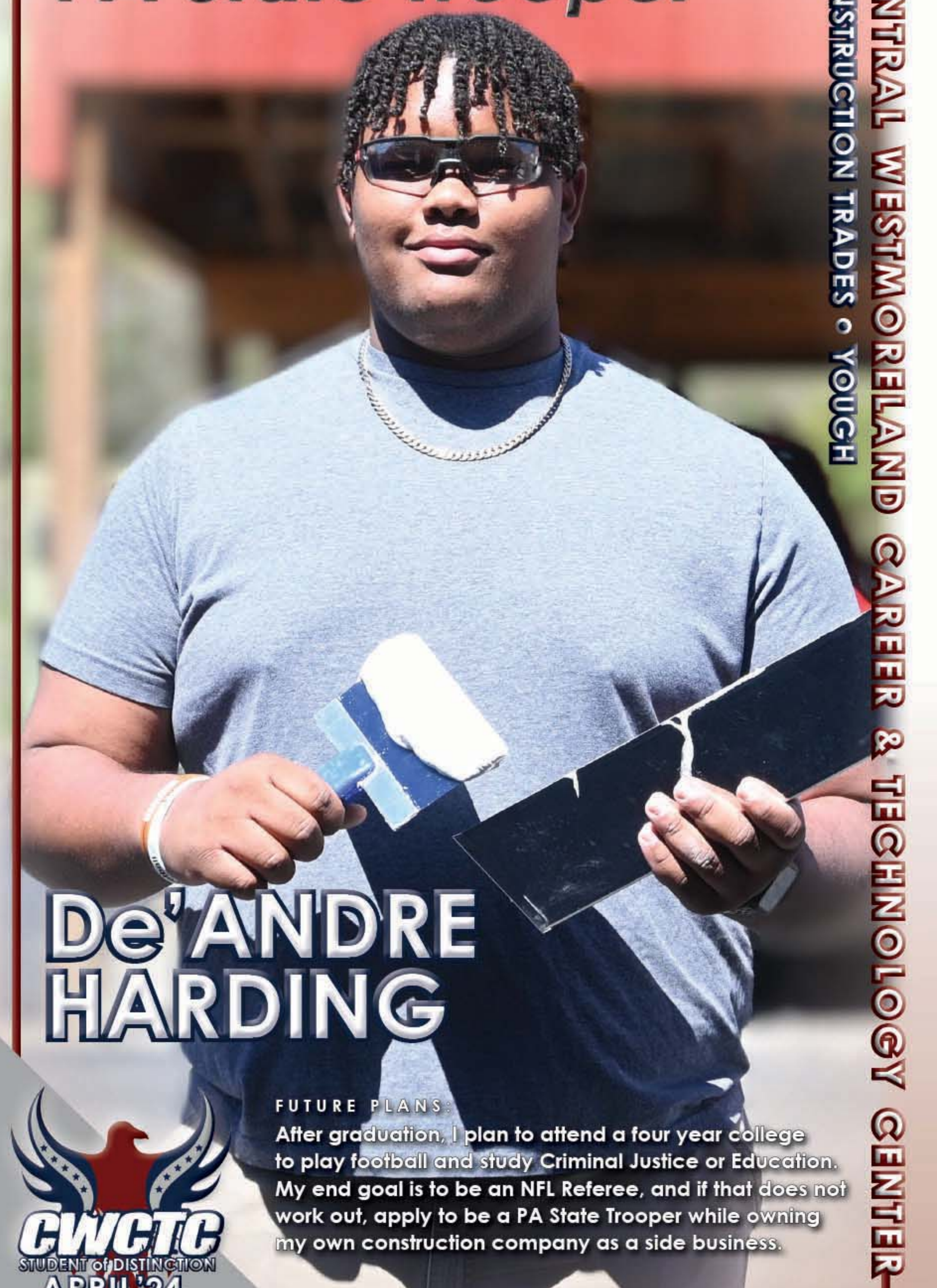
FUTURE PLANS:
After my CWCTC Co-Op at Hamill Manufacturing, Trafford, PA and graduation from high school, I plan to study Psychology at PITT at Greensburg. My end goal is to become a Forensic Psychologist in the FBI - Federal Bureau of Investigation.



Life The Precious. Use Rise Above

“ I see myself as a
PA State Trooper”

CENTRAL WESTMORELAND CAREER & TECHNOLOGY CENTER
CONSTRUCTION TRADES • YOUGH



**De'ANDRE
HARDING**

FUTURE PLANS:
After graduation, I plan to attend a four year college to play football and study Criminal Justice or Education. My end goal is to be an NFL Referee, and if that does not work out, apply to be a PA State Trooper while owning my own construction company as a side business.





RESTORATION & DESIGN EXPLORES FALLINGWATER

As this fourth quarter comes to a close, R & D has been packed with fun activities, learning experiences, and planning for our next steps. Our success involves us picking from our task list skills that we have not learned yet. Drywall patching, wood finishing, and painting two color doors by brush or sprayer are a few options we got to choose from. We were grateful to experience Fallingwater, and see the history behind the style and creativity of Frank Lloyd Wright and use of organic materials. The Painters Union let us work with them recently. We wallpapered, rode the boom lift and saw the opportunities of a glazier and bridge painter. **Taylor Ulery** and **Christine Wiedeman** signed with them as well. Next is the destination of the Sherwin Williams Pro Show at the Acrisure Stadium to see the upcoming equipment, paint, wallpaper and other things pertaining to our trade. As we wish our seniors well; we are excited to see the next steps they take.

ROBOTICS ENGINEERING AND MANUFACTURING FOCUSES ON FOURTH QUARTER WORK

The fourth quarter in REM began with a focus on manual lathe and mill work, using new techniques such as working between centers on the lathe, and different drilling methods on the manual mill such as drilling, countersinking, counterboring, and tapping. The second half of the term showed a shift to CNC mills and G-code, learning to incorporate the use of multiple tools and circular interpolation in programs.



SERVICE OCCUPATIONS ARRAY OF TASKS OVER THE QUARTILE



SO's year culminated in a diverse array of tasks vital for the operation of any institution. Over the quartile, we've engaged in ground maintenance that reflects the pride of the school. Additionally, cooking tasks, plant seedling care, and laundry for other classes exemplify the commitment to support daily functions. Stocking the snack shop, custodial duties, and supplies delivery contribute to organizational efficiency. Furthermore, attention to detail in braille labeling and document shredding underscores inclusivity and security. From event setup to clothing donation management, these experiences fostered invaluable skills in teamwork, adaptability, and empathy, shaping a holistic understanding of service occupations.

SPORTS MEDICINE H.O.P.S. INTO FOURTH QUARTER WITH INJURY EVALUATION TECHNIQUE

Our second and third year students learned about the process of injury evaluation using the HOPS technique (History, Observation, Palpation, Special Tests) and how to document their findings by writing SOAP notes (Subjective, Objective, Assessment, Plan). We then worked in groups to evaluate an "injury" using the knee and ankle assessment trainer. After getting the diagnosis, we created treatment plans for our partner to help rehabilitate the injury. The AM session has been learning about the organs, function, and diseases of the respiratory system and learned how to use a peak flow meter to measure an athlete's peak expiratory flow, which helps determine if and when an athlete can return to play from a respiratory illness or disease.



WELDING & METAL FAB STUDENTS EXCEL IN CERTIFICATIONS AND HANDS-ON PROJECTS AS SCHOOL YEAR NEARS END

In welding with Mr. Baur, the seniors just completed their NOCTI testing. Underclassmen are preparing to test out of the American Welding Society "Testing and Inspection" module. This year most students have already passed multiple certification tests in SMAW, GMAW, and FCAW. Mr. Baur is taking two student competitors to attend the American Welding Society Weld-Off awards ceremony at the Steamfitters Local #449 Training Center at the end of April. PM Welding students will be finishing out the year with the AWS "Thermal Cutting" module; it is also commonly known as (PAC) Plasma Arc Cutting and (ACAC) Air Carbon Arc Cutting.



Though the year's end is approaching it fails to dampen the spirit of the vast majority of CWCTC welding students. Mr. Sidun's Welding classroom continues to establish a steady work ethic after the success of senior NOCTI testing. With the encouragement of a passionate instructor, students pursue welding projects like the creation of a Volkswagen memorial bench for a Hempfield student, an industrial high beam table for the conference room, a trailer winch modification to the CWCTC trailer, and the rehabilitation of a 1978 GMC square body truck. On top of these achievements there is no failure in the progression to complete individual programs of study for the graduation of upcoming seniors.

CENTRAL WESTMORELAND CTC HONORS SENIORS AT ANNUAL RECOGNITION CEREMONY

CWCTC seniors were encouraged to participate in the annual SRC - Senior Recognition Ceremony on the campus of Central Westmoreland Career and Technology Center on Monday evening, May 13th. Attendees enjoyed sunny skies and a cool breeze for the outdoor ceremony that welcomed friends and family members of the participants. The event was open to any of the 300+ students who will soon be completing their studies at the CTC and split into two sessions based on Program of Study. On behalf of the CWCTC School Board, Administration, Faculty, and Staff, we wish all seniors good luck as they embark on their future journeys!



AGRICULTURE & LANDSCAPE DESIGN



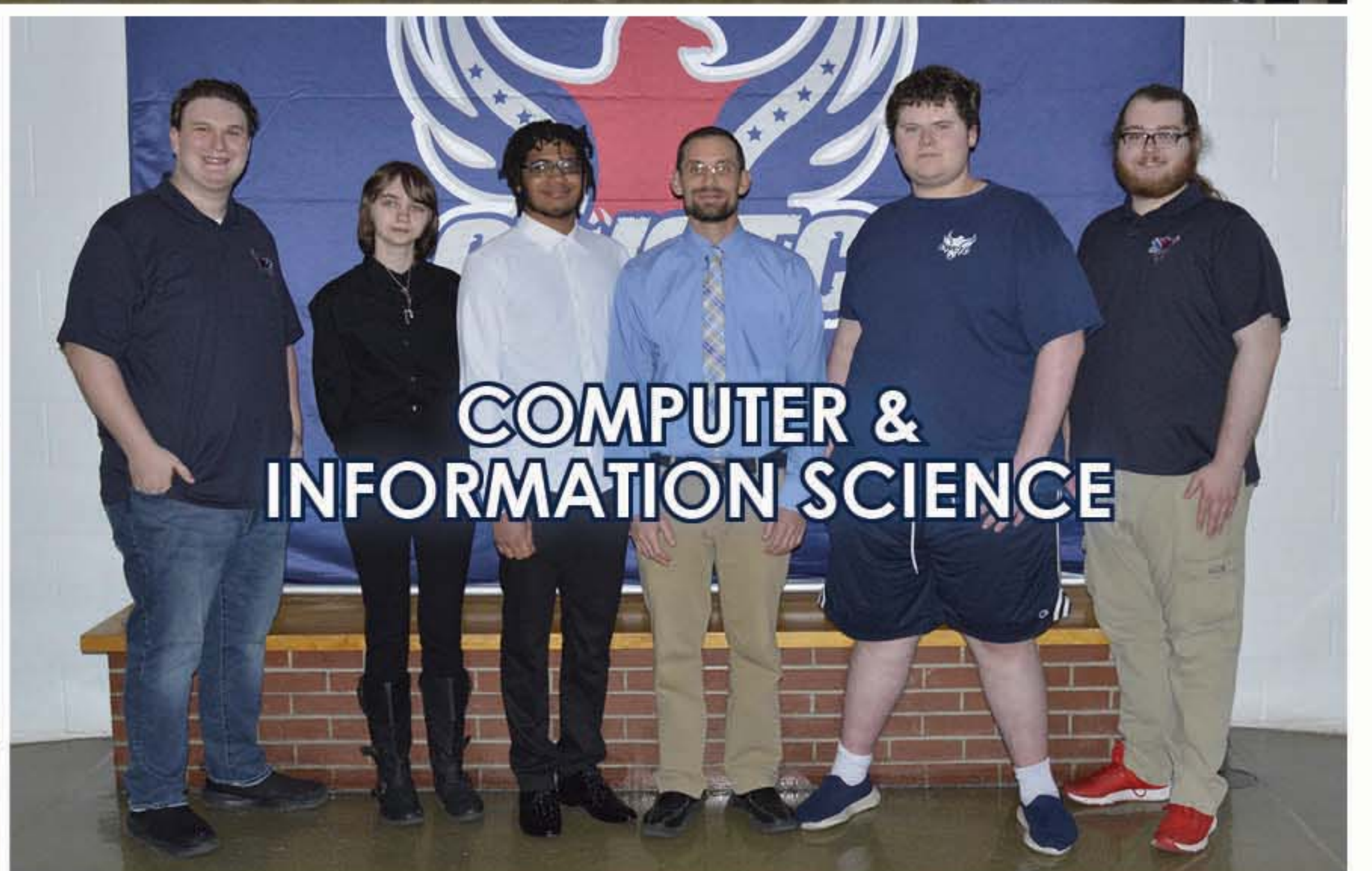
AUTOMOTIVE MECHANICS TECHNOLOGY



ASPIRING EDUCATORS



AUTOMOTIVE COLLISION TECHNOLOGY



COMPUTER & INFORMATION SCIENCE



CONSTRUCTION TRADES



HVAC / STEAMFITTING



COSMETOLOGY



CULINARY ARTS





ELECTRICAL TECHNOLOGY



HEALTH OCCUPATIONS



MULTIMEDIA DESIGN



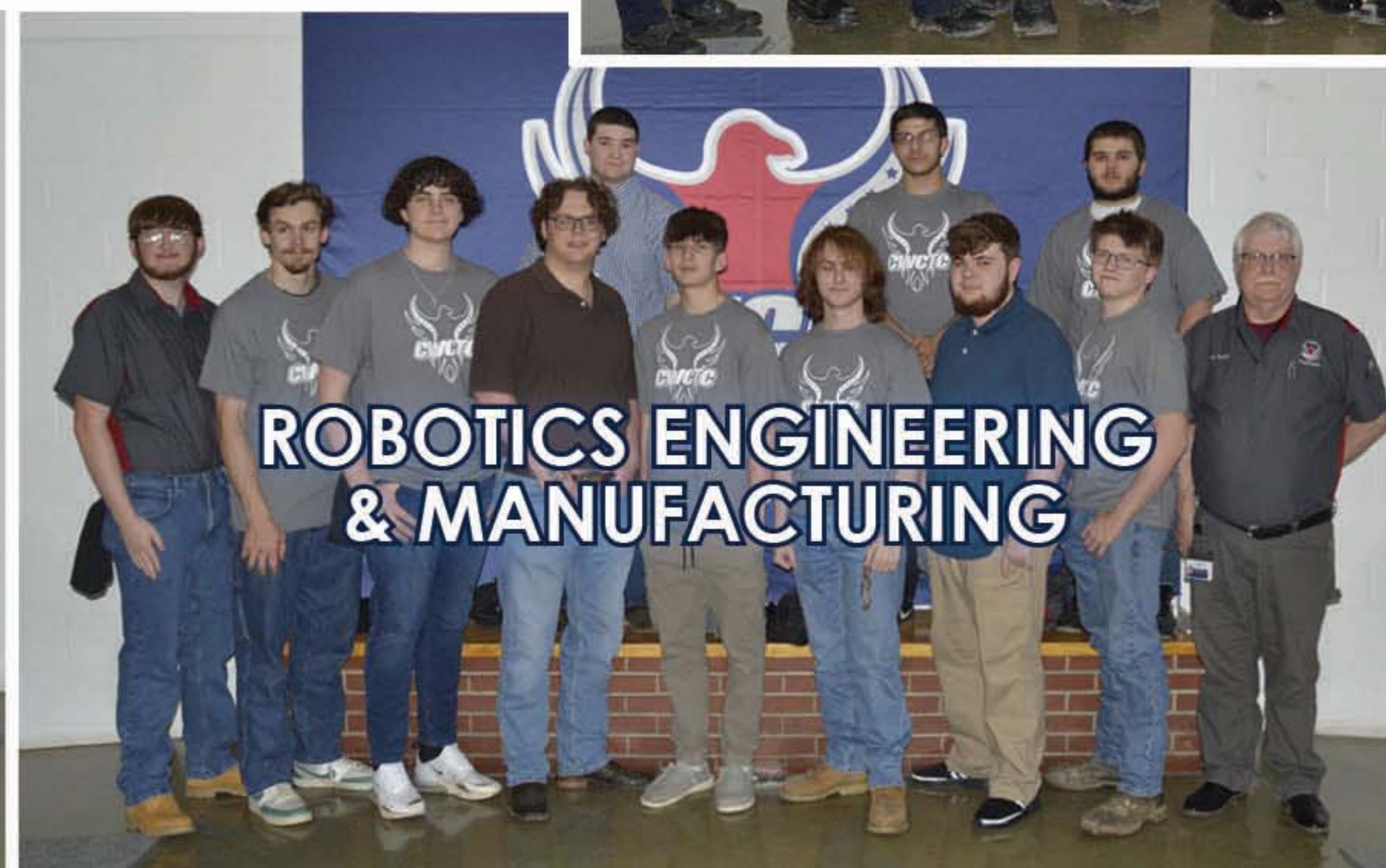
POWERLINE



PROTECTIVE SERVICES



RESTORATION & DESIGN



ROBOTICS ENGINEERING & MANUFACTURING



SERVICE OCCUPATIONS



SPORTS MEDICINE



WELDING & METAL FABRICATION

THIRD QUARTER PERFECT ATTENDANCE INCENTIVE





Seniors at CWCTC were invited to several signing events recently. The Pittsburgh Pirates hosted a Career & Technical Education Signing Day at PNC Park. Four students and their future employers attended the event followed by a Pirate win against the Brewers. Students at the PNC Park signing were (top l - r): **Alexander Wisniewski** a Robotics Engineering and Manufacturing and Norwin School District student. Alexander has committed to employment with Westinghouse Electric Company where he has been working on co-op this past year. **Elizabeth Noble** a Sports Medicine and Penn-Trafford School District student. Elizabeth has committed to employment with East Suburban Sports Medicine Center - ESSMC - Physical Therapy where she has been working as part of our co-op program this past year. **Nicholas Polinski** a Construction Trades and Hempfield Area School District student. Nick has committed to employment with the Operative Plasterers' & Cement Masons' International Association (OPCMIA) and is currently doing his apprenticeship with them at Local 526. **Grayden Horrell** an Electrical Technology and Mount Pleasant Area School District student. Grayden has committed to employment with Westmoreland Electric where he has been working as part of our co-op program. Restoration and Design students (above right) **Taylor Ulery** and **Christine Wiedeman** both from Mount Pleasant Area School District recently signed on with the IUPAT District Council 57 for employment upon graduation. **WANT TO SEE MORE?** [f Central Westmoreland CTC](#)



CWCTC TECHNICAL HONOR SOCIETY INDUCTS SENIOR MEMBERS



We had forty six students participate in the CWCTC Technical Honor Society Induction Ceremony held on Monday May 6th. Honor cords were bestowed on each to signify their achievement and membership and may be worn at our Senior Recognition Ceremony as well as their High School graduation. These new members pledged to exhibit Citizenship, Honesty, Leadership, Responsibility, Scholarship, Skill and Service. To become a member of the Technical Honor Society you must have a 3.0 GPA at your sending school, 90% or higher in your trade area at CWCTC, 3 or less absences per quarter and no disciplinary issues at your home school or CWCTC.