



The CTE Express

FIRST SEMESTER 2023 - 24

WE ARE CTE!

- Automotive Technologies
- Administrative Assistant
- Barbering
- Business Accounting
- Construction Technologies
- Cosmetology
- Culinary Arts
- Human Services
- Health Sciences
- Nutrition, Health and Wellness
- Pre-Engineering

CTE Mission

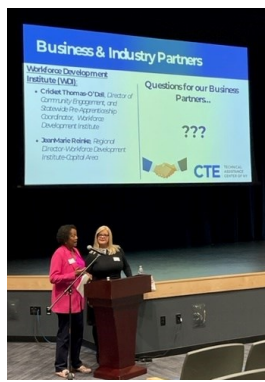
To illuminate numerous paths to success for our students to ensure they are both college and career ready. With high-quality preparation for college and career, our graduates will have access to meaningful, long-term career opportunities and a more hopeful future.



Albany High hosts CTE day for area educators

On Oct. 27, career and technical education (CTE) teachers from across the region came to Albany High School for a “sharing and support” professional development day. Teachers were able to learn more about the Workforce Development Institute and pre-apprenticeship programs in the community. WMHT also discussed free resources available to teachers including lessons on resumes, financial literacy and more.

Teachers were treated to a delicious lunch prepared by Chef Lisa Valentine and her culinary students. Students gave up a day off to help prepare and serve food! After lunch, teachers headed to content-specific breakout sessions, where they were able to share best practices and brainstorm about engaging learning experiences.



Students provide tech support throughout district

Members of Albany High School's Student Help Desk continue to provide a range of technology support to the school community through Chromebook repair, cart assembly and student videos. Students also provide assistance to teachers on numerous technology issues. Members are also working on personal projects that interest them like creating their own video games from scratch. Student Help Desk is open to all high school students who have an interest in technology and helping others. No previous technology

experience is necessary. Check the announcements in late January for information on how to apply.



Aspiring health professionals work in community

Seniors in the level 3 Health Science class completed their clinical rotations last fall at Daughters of Sarah Community for Seniors. Students were able to obtain hands-on experience dealing with the elderly and work side-by-side with other medical providers. Students need 108 clinical hours, 108 lab hours and 216 theory hours in order to sit for their licensing exam at the end of the school year to become certified nursing assistants (CNAs). Our CNA program is looking to graduate more than 20 students this year.

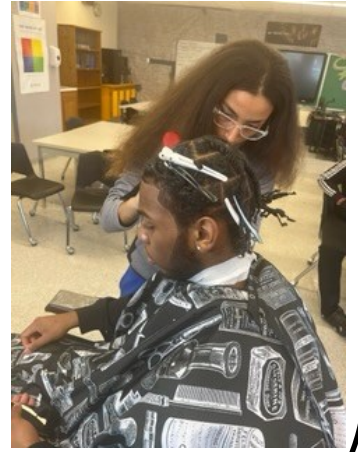


NextGen Barbers growing and giving back

Our Barbering program — NextGen Barbers — is on the move. Students really enjoy giving haircuts to fellow students, staff and members of the community. NextGen Barbers also travel to district middle and elementary schools to visit, give cuts to and mentor younger students.

In addition, the program recently partnered with local barbershops to offer several graduating seniors scholarships to help get their barbering careers started. The program also has benefited from a memorial fund created to honor a longtime barber who recently passed away.

In 2024, two Barbering students will compete in the statewide SkillsUSA competition, seeking to defend the New York State title that Elijah Temple earned last year.



Auto students work on DeLorean car

Students in Patrick Whitton’s automotive classes were able to do an inspection on a DeLorean DMC-12 — the car used in the “Back to the Future” movies of the 1980s.

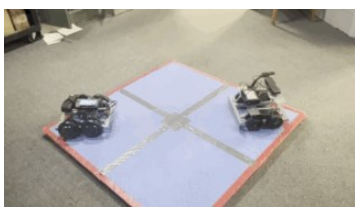
This particular car happened to be John DeLorean’s personal car and is now owned by district music teacher Bryan Cady. Since there are only 6,500 of these cars still around, this was a once in a lifetime opportunity for students.



Pre-engineering out of this world

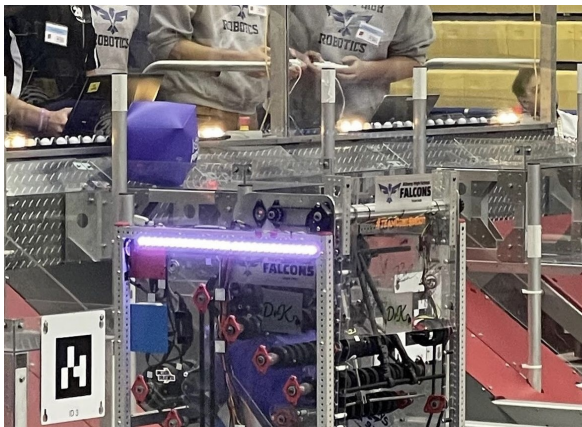
Computer Science students kicked off the year learning about the mechanics of drones and how to code to complete missions on Mars. They dove into cool coding adventures with Python Turtle Graphics. They also went beyond Earth, programming drones on Mars. Students tackled game development, learning to create 3D games with the Unity Game Engine. These experiences taught coding basics and sparked creativity, showing students the endless possibilities in tech and innovation.

In addition, students designed and built rockets, wind powered cars, sumo battling robots and robotic golfers in the tech lab. The students also are working with the AP Environmental Science classes again to manage the school garden, Falcon Farms. There, students grow a variety of fruits and vegetables that are shared with the community. Chef Lisa Valentine and her culinary students already made a trip over to tour the gardens and harvest vegetables to use in class.



Falcon robotics looking great!

Albany High Robotics Team 1493 competed at the Robot Rumble at Ballston Spa High School on Nov. 4, advancing to the finals of the event for the third straight season. The team now prepares for their 20th season, kicking off on Jan. 6. The team also presented at Eagle Point Elementary School STEM night on Nov. 22. The team will compete this year in the Tech Valley FIRST Robotics Competition March 20-23 at the MVP Arena in Albany. New members are always welcome and no experience is needed!



Culinary creations brighten holiday event

Students in Chef Lisa Valentine's culinary classes mixed, baked and designed over 760 cookies for the annual City of Albany Tree Lighting at City Hall. They didn't let the bad weather damper their holiday spirit as they shared their creations with all in attendance. Albany High School's culinary program has been participating in the tree lighting ceremony for the past several years and it's always a student favorite.

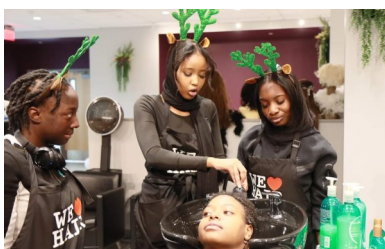


Cosmetology in the news

Cosmetology teacher LaQuita Love has been working with RPI and Michigan State to incorporate STEM education into her cosmetology classes. She has co-taught several classes including "Cornrow Curves" and "Science of Cosmetology" that have been a hit with students. Her work was featured in an international journal that will hopefully help others gain insight on how to increase participation of African-American students in STEM.

On Dec. 16, the Cosmetology Program held their Holiday Spa Day and had a packed house. Family, friends, staff and community members stopped in for a day of pampering by cosmetology or barbering students. Students were able to provide various services to customers while earning hours towards their licensing exams they will sit for at the end of the year.

Cosmetology II teacher Yvonne Walters' class has been learning about color theory and recently completed a haircoloring project. Students used mannequins to practice highlighting and coloring and then created a unique style of their own.



Intern Spotlight

Yankee Trails

Senior Akshay Kumar interned with Yankee Trails last semester and learned all about the business from the bottom up. Akshay helped prepare for the Santa's Magical Express show the company puts on every year. He also learned about customer outreach and working with a platform to text customers with upcoming offers. He is looking forward to continuing his education in business at UAlbany next year and helping grow his father's business.



Yono's

This year we continue to grow our partnership with Yono's, with four culinary interns working shifts there.

Seniors Abda Toumbou, Jada Gallilard, Asahni Maye and Shanyah McNeil have been able to work side by side with chefs there to hone their current skills and learn even more about the restaurant business. One of the students — Shanyah — was offered a paid internship to help as pastry chef.

All four students are working toward their CTE endorsement in culinary. Abda is planning to pursue education in the hospitality industry. Shanyah is looking forward to continuing her dream of being a baker. Asahni will be attending culinary school, and Jada is planning to go to college but is unsure of her major at this point. All four students have been standouts in Chef Valentine's kitchen since they started the program. They are extremely hard workers who have now become mentors to their peers in class.



Albany Common Council

Senior Zvi Gomez Fisher spent last semester interning with Albany Common Council Member Deborah Zamer. As an intern, Zvi helped write legislation to improve pedestrian and bike safety in the city, which is a passion of his. He is planning to continue his education after graduation but is undecided about where as of right now. Interning with the Common Council has grown his interest in becoming an urban planner.



WORK BASED LEARNING PARTNERS

Real-World Experience



HEAVEN ON EARTH
BEAUTY SALON

