

# NEWSLETTER

VOLUME 5  
JULY 2023



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- **Automotive:** Learning about AC systems and working on brake pads & rotors in the shop.
- **Electrical:** Wiring of a doorbell, CPR/First Aid training and mock interviewing.
- **STNA:** 2nd cohort learned new skills such as lifting patients from the bed.
- **Trades:** Final week cover letters and learning financial literacy.



### Automotive Pre-Apprenticeship

Designed to introduce career options and role models in connection with the operation, maintenance and repair of automotive vehicles.



### Electrical Pre-Apprenticeship

Conducted by seasoned trade instructors at The Independent Electrical Contractors (IEC). The coursework utilizes industry driven curriculum to provide a defined set of competencies through required technical instruction and technical core courses.



### STNA Certification

This program consists of 59 classroom and lab hours and 24 hours of clinical. Students who earn their STNA and excel in the program, will have the opportunity to be immediately placed in a job, making up to \$19.00 per hour.

### Trades Pre-Apprenticeship

Designed to prepare participants for entry into apprenticeship opportunities with OSHA-10 General Construction, Remedial Math, Basic blueprint reading, Survey of the Construction Industry, Employability Skills for the Construction Trades, and CPR/First Aid.

# AUTOMOTIVE



Students learned about air conditioning systems in cars. While this is a more advanced topic, students quickly picked up on the concepts. They hooked up an A/C machine and found the car had no refrigerant. Students confirmed this by using a pressure/vacuum system gauge. As the level decreased, they were able to confirm the leak was causing the A/C system not to blow cold air. This also allowed our students to learn about different components under the hood.



## Hands-On Shop Experience Auto Shop

In the auto shop, students did brake pad replacements and brake rotor resurfacing. They also learned how to cut/resurface the rotors on the brake lathe. The Instructor showed them the proper cleaning procedure of the brake components, the reassembling of the brakes and ensuring all things are free/not binding, and things are properly torqued to specs.



# ELECTRICAL

This week, students reviewed prior week lessons and were introduced to new labs. One of the labs completed was the wiring of a doorbell. They also got the opportunity to start working with the power tools used on job sites. Other highlights from the week include: CPR/First Aid training, safety training, interviewing tips and mock interviewing in preparation for the employers coming to the IEC Central Ohio. The students will have the opportunity to interview with numerous employers who work with IEC Central Ohio, including the opportunity to land a job if they do well!



## Professional Development Friday

For professional development we worked on:

- Preparing for an interview
- Conducting mock interviews
- Corrected OMJ Reflections

## Reminders

- Be on time!!!
- Bring your notebook and tools to class each day.
- Cell phones are to remain on the desk, face down, at all times.
- Be prepared for a mock interview with an employer next Thursday.

## Next Week

Students will participate in OSHA (Occupational Safety and Health Administration) training. They also have new tools to add to their toolkit, including a hammer and lineman pliers, which allows them to participate in more in-depth lab projects. Additionally, IEC is inviting many of their employers to do mock interviews with the students.

## Leaders of the Week

Daunte Notoma is a senior at Horizon Science Academy. His dream job is an Electrical Engineer. His hobbies include cooking, gaming, and reading. He chose this program because he is interested in electricity and he likes working with his hands.



Daunte Notoma

Dylan Notoma graduated from The Charles School at Ohio Dominican. His dream job is Manga Artist. His hobbies include gaming, drawing, and cooking. He chose this program because he likes working with his hands, likes tools, and is also interested in electricity.



Dylan Notoma



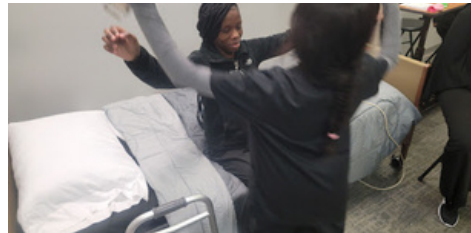
# STNA

## Round 2

This week, the second cohort of STNA students started classes. Twenty-six youth began their journey to become state licensed STNAs. They spent the week learning new skills like lifting patients from the bed, helping patients to their walker or wheelchair, and helping patients to the restroom. Students formed study groups to help prepare them for their fast approaching state test.



Youth received login information for their online training. They can access curriculum and study materials from any location with internet access.



Taking turns lifting each other from the bed using a gait belt .

## Reminders

- Closed toe shoes
- No phones
- No artificial nails
- Pack lunch or use a delivery service. Lunch will not be provided.

## Dates to Remember

- **7/22:** Cohort A State testing 9am
- **7/28-8/1:** Cohort B Clinicals 7am
- **8/5:** Cohort B State test 9am

## Leaders of the Week



### Krupa Patel

Krupa is student at Hilliard Darby High School. She plans on furthering her education and working in the pediatric medical field.

### Antonia Atchley

Antonia is a student at Groveport-Madison High School. She plans on furthering her education and becoming a pediatrician.



# TRADES

## Employable Skills

During the week students revised their cover letters and learned about financial literacy. Students learned the principles of basic needs, wants, savings, and debt.



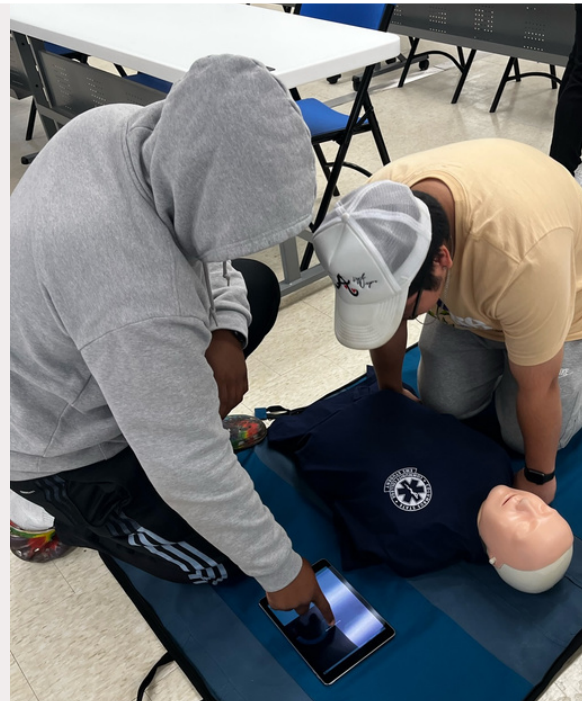
Students were given a set monthly income, similar to what they could make their first month in a Trade career. Students used their "Monopoly" money to map out their percentage rule: 50% (needs), 30% (wants), 20% (savings), while incorporating real-world scenarios.



Thank you Turner Construction for mentoring our youth and preparing them for their future



As our Trades Pre-Apprenticeship comes to an end, the students wanted to thank Lead the Way Learning Academy, Columbus State, and Turner Construction for the amazing opportunity to learn and discover new tools about trades. Students earned their OSHA-10 and CPR/AED certificates during the summer and had the opportunity to learn about Carpentry, Electrical, Plumbing, HVAC/Sheet Metal, and Welding Basics. Students also were given tools (mask, steel toe boots, hard hats, and more) needed in the trades industry to help them get started in their careers. This is only the beginning to what these students will accomplish!



# TRADES

