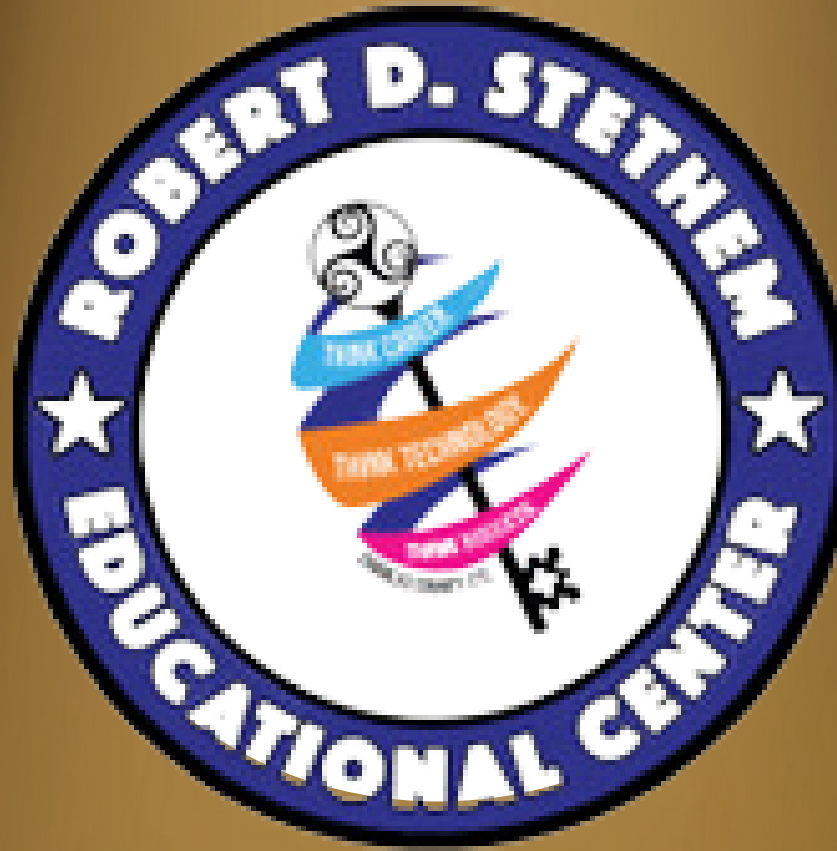


Welcome to Robert D. Stethem Educational Center



Spotlight on CTE

Robert D. Stethem Educational Center offers
2-year programs in the following areas

1. Automotive Technician

2. Barbering

3. Heating, Ventilation, and Air
Conditioning (HVAC)

4. Pharmacy Technician

5. Physical Rehabilitation

Transportation :

- Use regular transportation to their primary high school
 - Shuttled from their high school to RDSEC
- Return to their primary high school after courses
 - Transportation and scheduling are based on grade level

11th graders attend in the morning

12th graders attend in the afternoon

Junior Year Schedule:

- School day begins at 7:50 AM at RDSEC

*North Point High School students may have adjusted start times

- Students take 1 -2 general education classes and 2 -3 CTE courses

Senior Year Schedule:

- Attend RDSEC courses in the afternoon
- Take 3 CTE courses during their time at RDSEC

Application Process

- 10th-grade students must complete the CCPS CTE application process via Microsoft Form using their CCBOE account
- Both students and parents/ legal guardians must reside in Charles County and be enrolled in CCPS
- Applications are completed via Microsoft Forms through Office365
Parent/ guardian must electronically sign the application
- Students must also complete an interest survey at a later date

Enrollment and Notification:

- Accepted students will be notified by the CCPS
CTE department
- Agreement forms must be signed and submitted
by both the student and parent/ guardian

Application Window:

October 21, 2024 -
November 08, 2024



**ROBERT D. STETHEM EDUCATIONAL CENTER
CAREER AND TECHNICAL EDUCATION**

AUTOMOTIVE TECHNICIAN

All about the program:

Acquire entry-level skills for servicing and maintaining advanced automobile systems following the nationally recognized Automotive Service Excellence (ASE) standards. Develop skills in diagnosing and repairing brakes, suspension systems, steering, engine performance, and transmission systems based on the National Automotive Technicians Education Foundation (NATEF) standards.

What will you learn?

Students will learn how to diagnose malfunctions and repair engines, fuel, electrical/electronic systems, cooling systems, brake systems, drive trains, and suspension systems. The program offers an industry-standard workshop, NATEF-standard tools, and equipment. It also provides students with the opportunity to become nationally certified.

List of courses by year:

Year One

Brakes (1 Credit)
Engine Repair (1 Credit)
Suspension/Steering (1 Credit)

Year Two

Engine Performance (1 Credit)
Electrical and Electronic Systems (1 Credit)
Automotive HVAC (.5 Credit)
Transmissions (.5 Credit)

What careers are available?

- Aircraft Mechanic
- Automotive Service Technician
- Motorboat Mechanic
- Parts Manager
- Fleet Maintenance Manager

Certification Opportunities

Brakes, suspension, Maintenance and light Repair, Engine Repair, Engine Performance, HVAC, Electrical, Automatic Transmission



ROBERT D. STETHEM EDUCATIONAL CENTER

CAREER AND TECHNICAL EDUCATION

BARBERING

All about the program:

The Barbering Program prepares students to become licensed professional barbers, emphasizing hygiene, safety, sanitation, and state board rules and regulations.

What will you learn?

This program provides comprehensive instruction in hair-cutting techniques for both men and women, covering basic to advanced skills. It also includes thorough training in shaving, beard and mustache trimming, skin care, massage techniques, and various chemical services. Students will gain in-depth knowledge of human anatomy, physiology, and chemistry, and develop essential consumer relations and employability skills.

Certification Opportunities

Maryland State Board of Barbering Stylist or Master Barber Certification The type of certification

*Students will be eligible for this based on the number of training hours they receive while in the program.

List of courses by year

Year One

Principles and Practices of Barbering
(1 Credit)
Advanced Barbering and Application
(2 Credits)

Year Two

Barbering Capstone (3 credits)

What careers are available?

- Barber
- Master Barber
- Barber Instructor
- Barber Shop Owner
- Barber Stylist services.



ROBERT D. STETHEM EDUCATIONAL CENTER

CAREER AND TECHNICAL EDUCATION

PHARMACY TECHNICIAN



All about the program:

Opportunities for students to apply what they are learning to real-life health care situations are a part of this specialized course. The coursework prepares students to take the National Pharmacy Technician Certification Examination (ExCPT), administered by the National Healthcareer Association (NHA).

What will you learn?

Pharmacy technicians are crucial for communication between medical professionals, physicians, pharmacists, and patients. They are responsible for aiding pharmacists in dispensing medications and healthcare products to the public.

Through project-based learning, clinical experiences, and classroom and hands-on lab instruction, students acquire the skills to enter the workforce in retail pharmacy, hospital, and home healthcare settings.

Certification Opportunities

Basic Life Support CPR, First Aid, AED, OSHA 10, Administration of EpiPen and Narcan, National Pharmacy Technician Certification (NHA)



List of courses by year

Year One

Structures and Functions of the Human Body (1 Credit)
Foundations of Medicine and Health Sciences (1 Credit)

Year Two

Pharmacy Technician Medical Specialty (1 Credit) Allied Health Internship (2 Credits)

What careers are available?

- Hospital Director
- Nurse
- Pharmacist
- Pharmacy Technician
- Physician
- Research Scientist
- Public Health

ROBERT D. STETHEM EDUCATIONAL CENTER

CAREER AND TECHNICAL EDUCATION

PHYSICAL REHABILITATION

All about the program:

The Physical Rehabilitation program uses project and problem-based learning, clinical experiences, as well as classroom and lab instruction to teach students about the field of health care. Opportunities for students to apply what they are learning to real-life healthcare situations are a part of this specialized course. Students are prepared for actual experience in the clinical setting with a focus on the specific knowledge, skills, and abilities that relate to careers in rehabilitation health services.

What will you learn?

Students will use classroom-based learning and laboratory hands-on experience to explore concepts and techniques of physical rehabilitation. Clinical internships will be used to gain job-related knowledge and to apply the skills that the students have acquired.

Certification Opportunities

Basic life support CPR, First Aid, AED, OSHA, and NSPA Personal trainer certification



List of courses by year

Year One

Structures and Functions of the Human Body (1Credit)
Foundations of Medicine and Health Sciences (Credit)

Year Two

Physical Rehabilitation (1 Credit)
Allied Health Internship (2 Credits)



Earn College credits senior year with the Dual Enrollment program via the College of Southern Maryland

What careers are available?

- Physical Therapist
- Occupational Therapist
- Athletic Trainer
- Physician
- Nurse

ROBERT D. STETHEM EDUCATIONAL CENTER CAREER AND TECHNICAL EDUCATION

HEATING, VENTILATION, AND AIR CONDITIONING

All about the program:

Through hands-on training in a laboratory that simulates real work circumstances, students gain the skills and knowledge necessary to succeed in the Heating, Ventilation, and Air Conditioning (HVAC) field. The program is based on the National Center for Construction Education and Research (NCCER) standards, which provides a competitive edge.

What will you learn?

Discover how to decipher blueprints and troubleshoot air conditioning systems, heat pumps, gas heating, oil heating, and boilers in an industry-standard workshop. Students learn to install new heating, ventilating, and air conditioning system units perform maintenance and service repairs for both residential and commercial units according to specifications and established safety guidelines

List of courses by year

Year One

Building & Construction (1 credit)
HVAC I (1 credit)

Year Two

HVAC II (2 Credits)

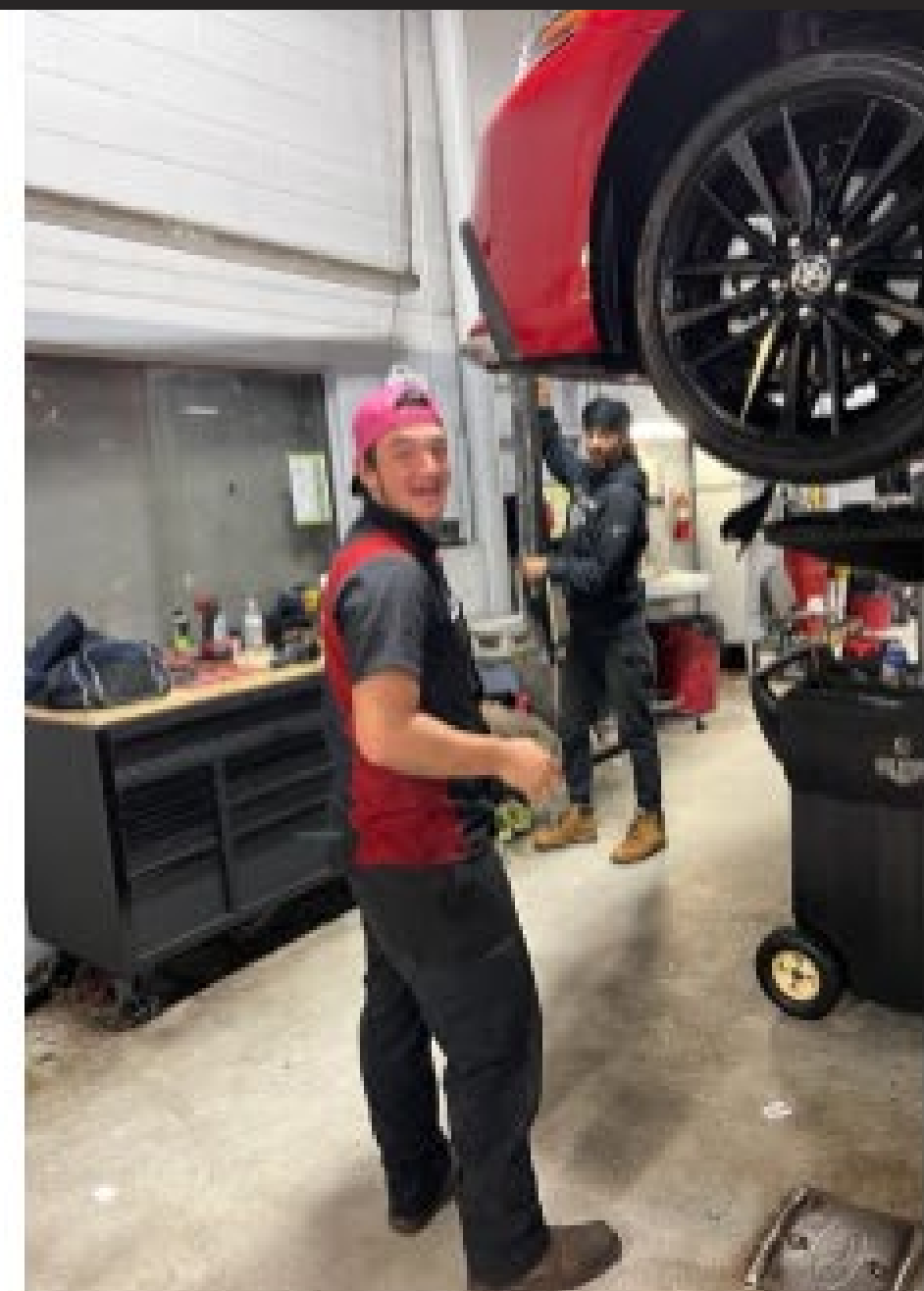
What careers are available?

- Engineering Design Specialist
- HVAC Service Technician
- HVAC Technician Plumber
- Maintenance Technician
- Refrigeration Technician
- Sheet Metal Worker

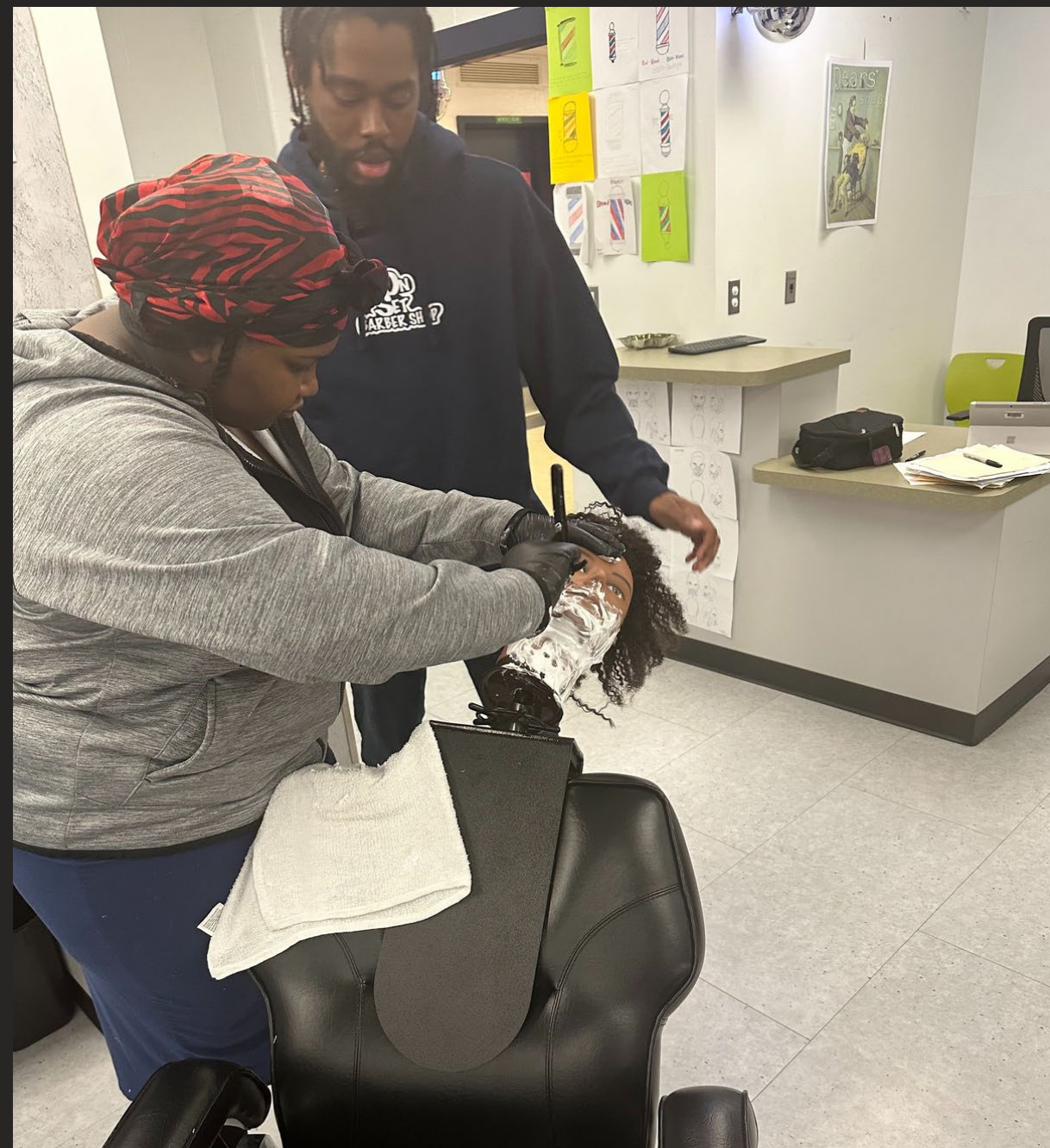
Certification Opportunities

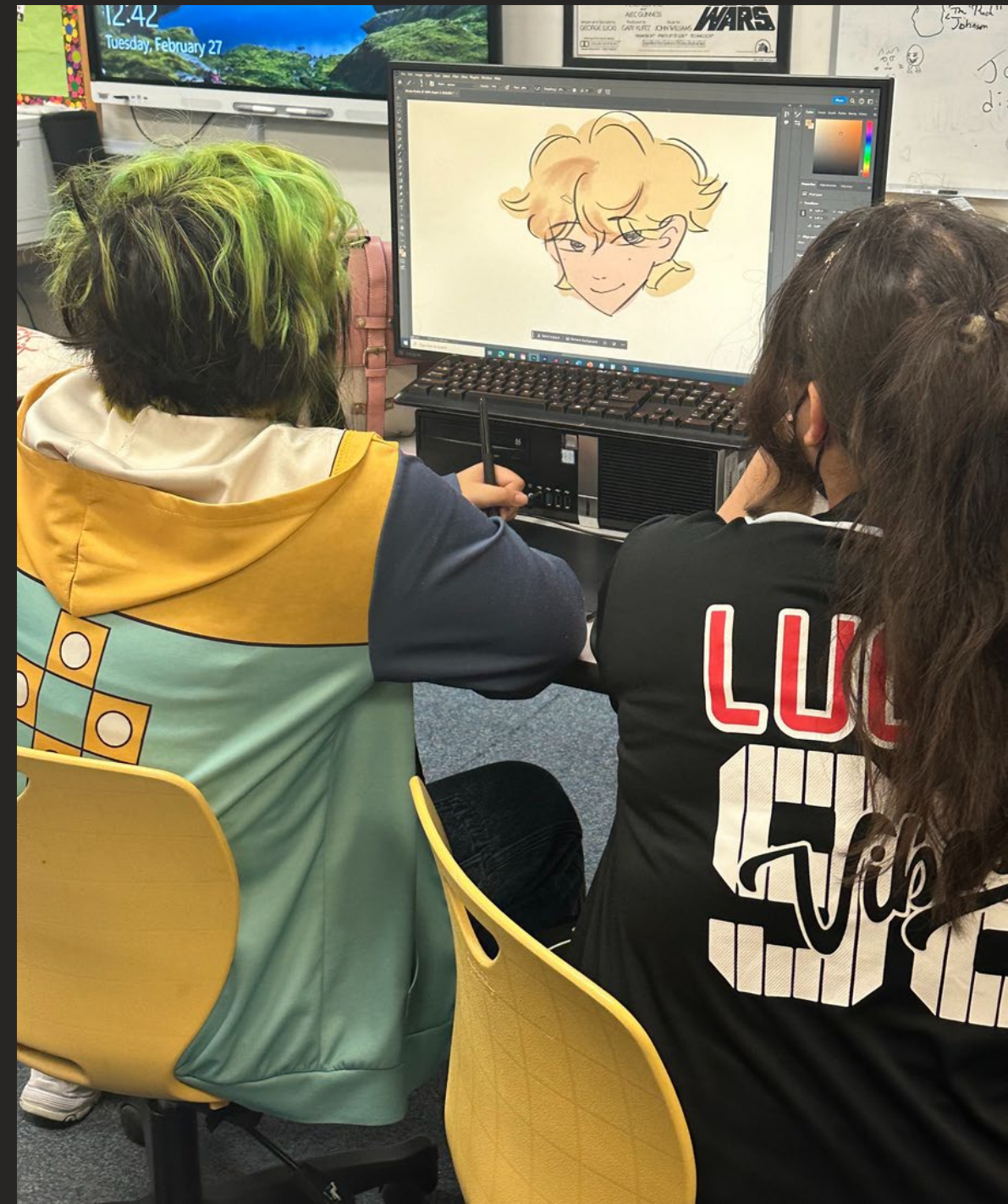
HVAC, Electrical, National Center for Construction Education and Research (NCCER), OSHA 10, EPA 608
CORE - Type 1, Type 2, Type 3 or Universal



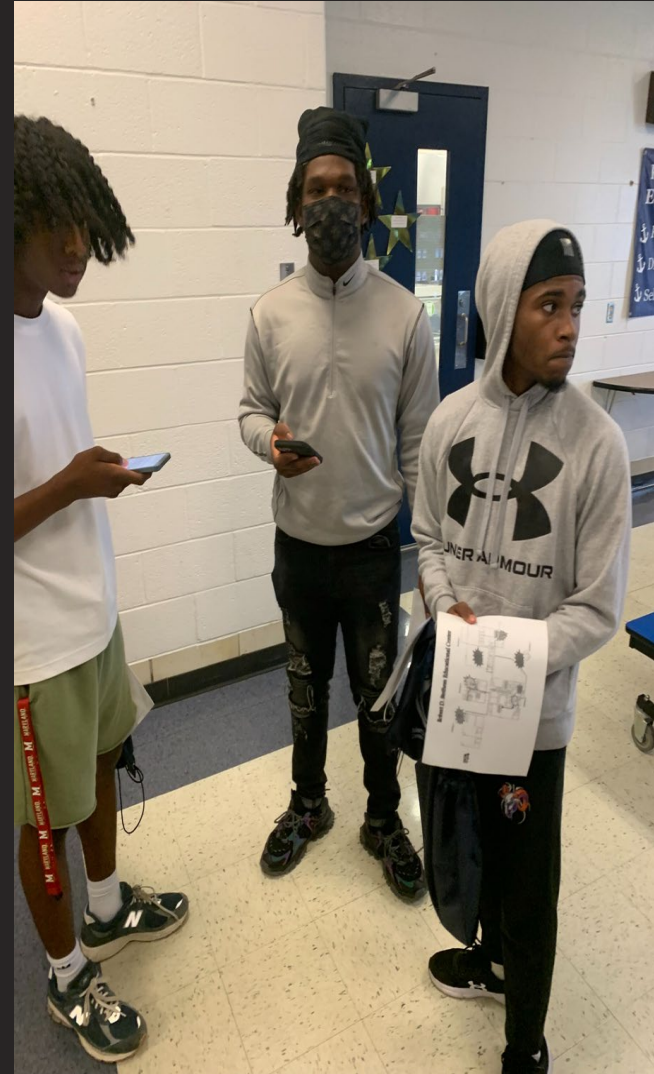
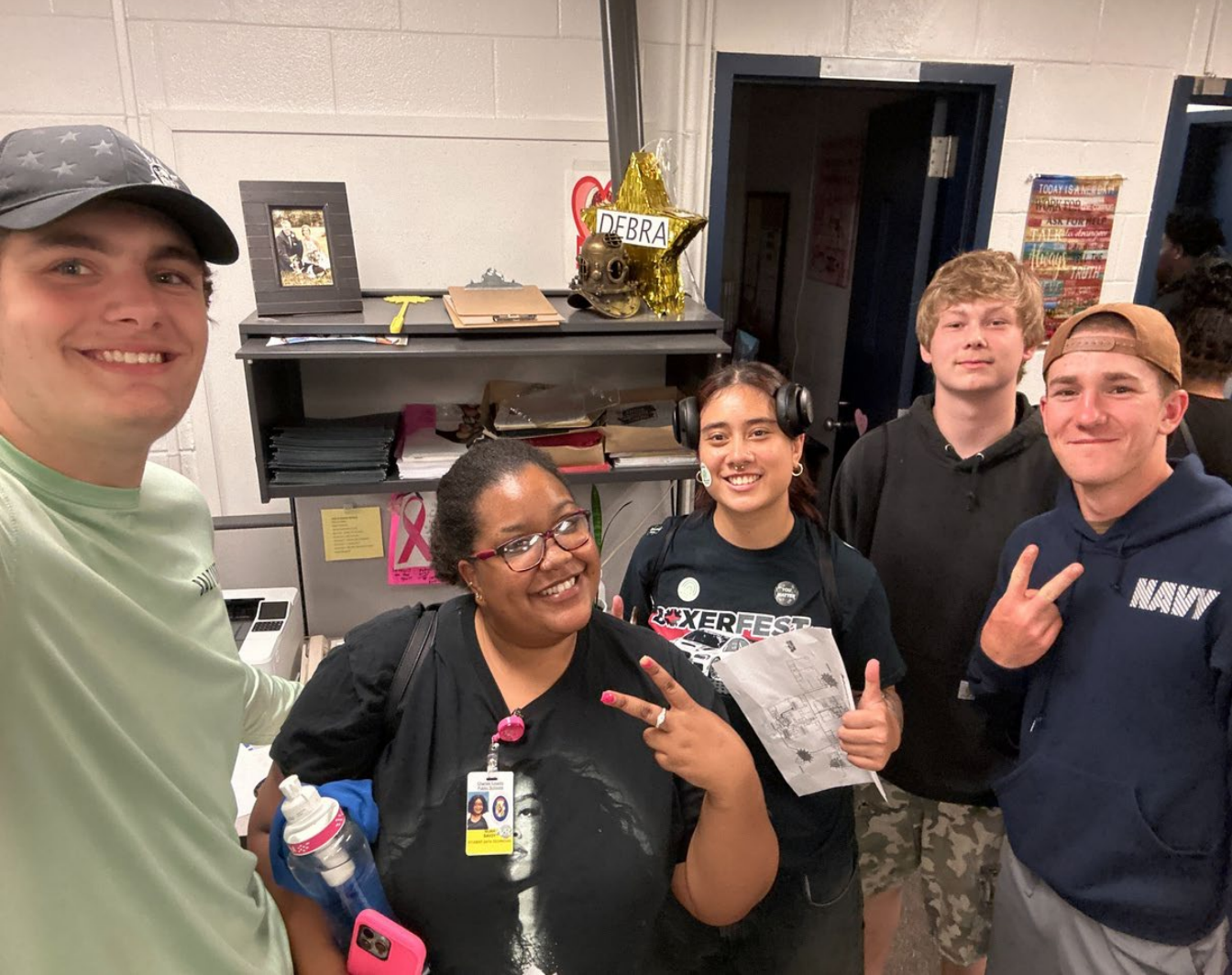












Tonight's schedule

You will have the opportunity to visit as many as 3 of the programs discussed this evening:

- 6:20 – 6:45: Attend any of the five 2-year programs
- 6:50 – 7:15: Attend a different program of your choice
- 7:20 – 7:30: You can return to either of the previously visited programs with any additional questions, or visit a 3rd program

We will make announcements for transitions.

Enjoy the evening!

You can scan the QR code to get right to our
CTE website.

