

# ACADEMY NEWS

November 2023

MONTHLY NEWSLETTER

Tocoi Creek



## WELCOME TO TOCOI CREEK HIGH SCHOOL'S CAREER ACADEMIES

*Kristina Johnson- Career Academy Specialist*

TCHS hosted their first blood drive of 2023-2024 on October 12th, 2023. 79 units of blood were donated, each donation can save up to three lives so that means 237 patients could benefit from the lifesaving efforts of blood donors at Toco Creek High School . OneBlood club members worked checking students in, making sure everyone had a snack, walking students to the blood mobile, and back to class. Thank you to everyone that participated!

## UPCOMING EVENTS

- November 7- Project Innovation teams compete at District Competition
- November 8- ACE Parent Meeting
- November 8- HOSA Regional Meeting
- November 14- Edwards DVT 2-4 Adobe testing
- November 14- Health Science field study to University of St. Augustine
- November 16- Dr. Ritchie- Guest Speaker
- November 17- Senior AIBE leaders field study
- November 27- Middle School Blitz at Mill Creek Academy
- December 5- UNF College of Computing, Architecture, and Construction Tour (link on Schoology)
- December 8- Blood Drive

## CERTIFICATION TESTING UPDATE

As a certified testing center, the certification exams administered at TCHS are proctored through Certiport, an independent testing platform. Students with an Individualized Education Plan (IEP) or 504 may apply for accommodations through Certiport. Because it is an outside testing company, like ACT or SAT, accommodations, such as extended time, must be applied for and implemented to the individual student's testing platform by Certiport. The school cannot request these services, the student and their legal guardian (if student is under 18) must submit the request directly to Certiport. Accommodations are granted by Certiport annually, so even if your student was granted accommodations for testing in the 2022-2023 school year, the application must be submitted again for the 2023-2024 school year to ensure that accommodations are provided at the time your student tests.

Certiport has an online accommodations application process. The process is detailed on their website at: <https://certiport.pearsonvue.com/Educator-resources/Exam-policies/Accommodations.aspx>

**UPCOMING TESTING DATE: 11/14 EDWARDS PERIOD 1 AND 3**

# CLASSROOM HAPPENINGS



## UF ST. JOHNS- ACADEMY OF FUTURE HEALTHCARE PROFESSIONALS

Students in A&P are finishing off their unit on the skeletal system with a poster presentation on skeletal disease and a summative test on Wed 11/1. Students in Healthcare Foundations have been learning about clinical documentation as well as the new skill of finding and reporting an accurate pulse. Students are beginning to work in partners on a summative project by keeping a "medical record" on their partner in class. As new skills are learned for vitals and system screens, students will utilize them in documentation on a regular basis.

# Congratulations!

## CONGRATULATIONS TO OUR YEAR ONE BUILT ENVIRONMENT STUDENTS THAT EARNED AN OSHA-10 TRAINING CERTIFICATE!

Osaid Alasad  
Landon Alexander  
Brayden Alison  
Sarah Alnuaimi  
Samuel Andujar  
Gabriel Batarick  
Carter Bradley  
Berkley Bennett  
Kamren Brown  
Jayden Canales  
Madisyn Carrier  
Alexander Casale  
Maximus DeCaprio

Von Dreyer  
Mackenzie Emerson  
Owen Erasmus  
Skye Fourman  
Elijay Fredricks  
Wyatt Freeman  
Jacob Froehlich  
Leighton Gilmore  
Payton Gordley  
Antonio Guccione  
Zeke Hamon  
Jonah Hodges  
Kacey Hunt

Everett Kellerman  
Dominic Kennedy  
Jaxon Lemaster  
Emma Loyd  
Conor Martin  
Sebastian Martinez  
Ryan Mastropolo  
Sara Morrison  
Jordan Oco  
Kaiyah O'Dell  
Harrison Patchan  
William Pickard  
Kendall Ponce-Williams

Isla Rowell  
Austin Schaber  
Margot Seifart  
Coady Sheils  
Mikaela Shreves  
Tyler Stone  
William Sugrim  
Dylann Swartzlender  
Olivia Venables  
Christopher Villanueva  
Emily White  
Lucas Whitworth  
Maddox Wick  
Hayden Woodside

**Special  
Congratulations  
to Vivian George  
and Jaclyn  
Grannis for  
earning perfect  
scores!**



## ACADEMY OF INNOVATION IN THE BUILT ENVIRONMENT

Northeast Florida Builders Association held a nail drive on October 27th in the courtyard during lunches. Students got to compete and earn prizes based on their overall time. Built Environment students were stand-outs in the competition, along with Dean Velsor! Special thanks to Tim Mosley of Haskell Company and Charlie Libretto of NEFBA for their support.



FOR MORE VISIT: <https://www-tchs.stjohns.k12.fl.us/academies/>

# CLASSROOM HAPPENINGS



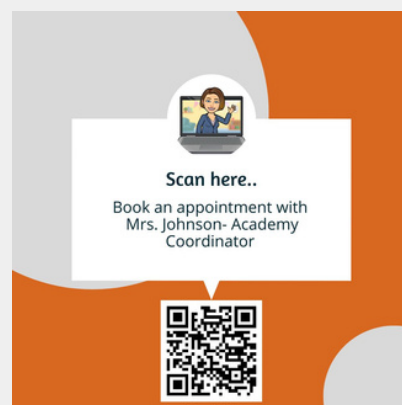
## ACADEMY OF FUTURE EDUCATORS

Students in the Teaching Academy are learning about the history of education right now. Students have been working to create presentations showcasing what education was like throughout history.

Student spotlight: Michael Zamuz: Michael Zamuz is the president of FFEA. He has been a member of FFEA since its inception. He has been accepted to Valencia College in Orlando where he plans to attend for 2 years before transferring to UCF. His plan is to major in Education and then teach in Portugal.

CTSO News: Florida Future Educators of America is working hard to raise money to send our chapter to the FFEA Conference this year.

## Tutoring Sign-up

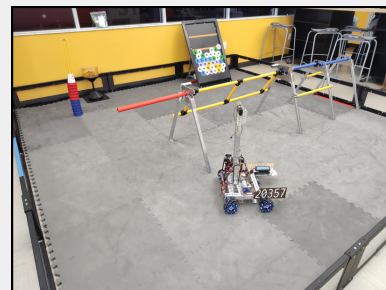


## ACADEMY OF LEADERSHIP IN EMERGING TECHNOLOGIES

Robotic Applications Capstone is finishing up their Micropython code for a web enabled smart sprinkler controller. The class has also covered all the basic functions of the Autodesk Inventor 3D modeling program. Over the next quarter we will perfect our skills and learn advanced functions in Inventor as we progress towards the certification exam in January. We are also getting ready to start our addressable LED projects. Students will have the opportunity to build and program their own LED board! They are also able to bring their own materials in and build a project that they are allowed to keep.

Foundations of Robotics has progressed through a series of twelve labs where students explore the components of robots through building circuits using individual components. Over the next few weeks students will build a complex circuit with multiple components. Students are also going to build hydraulically actuated robot arms as we study power systems.

Robotics Club is fast approaching our first official competition on Saturday November 4th! The robots are progressing, and all seem to be able to move around the field. All teams are working hard to build functioning arms, grippers, and paper airplane launchers. We finally received our partial field for the teams to practice.



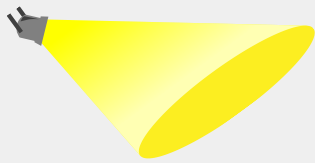
## HOW CAN YOU HELP?

If you work in the field of Emerging Technologies (drones, robotics, advanced manufacturing), Construction, Education, or Healthcare, let us know! We would love for you to join our Advisory Board, be a guest speaker, or become a potential field trip site host. If you think your business would be a good fit please contact Mrs. Johnson to learn more.

Contact: Kristina Johnson 904.547.4273  
kristina.dulaney-johnson@stjohns.k12.fl.us

FOR MORE VISIT: <https://www-tchs.stjohns.k12.fl.us/academies/>





# SPOTLIGHT



ACADEMY OF  
Leadership in Emerging  
Technologies  
TOCOI CREEK HIGH SCHOOL

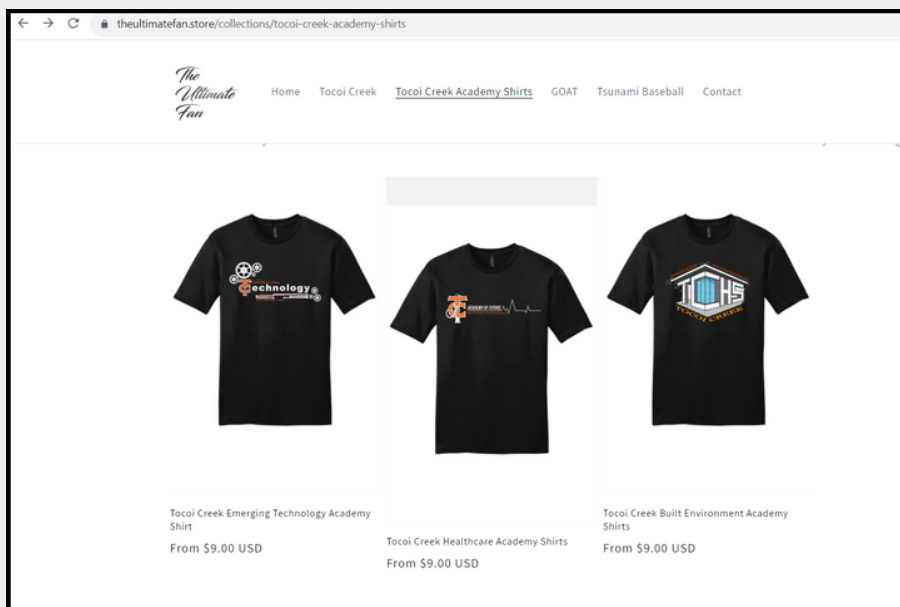
**PROJECT INNOVATION WINNERS FOR  
ACADEMY OF LEADERSHIP IN EMERGING  
TECHNOLOGY, PETAL PATHWAYS, WILL  
GO ONTO THE DISTRICT COMPETITION  
ON NOVEMBER 7TH!**



**PROJECT INNOVATION WINNERS FOR  
ACADEMY OF FUTURE HEALTHCARE  
PROFESSIONALS , CORD CONVENIENCE,  
WILL GO ONTO THE DISTRICT  
COMPETITION ON NOVEMBER 7TH!**



## ORDER YOUR ACADEMY T-SHIRT!



- SCAN QR CODE OR VISIT [WEBSITE](#), SELECT YOUR ACADEMY SHIRT
- SELECT A COLOR, SELECT A SIZE
- TYPE STUDENT FIRST AND LAST NAME IN THE COMMENTS BOX
- PLACE YOUR ORDER.

ORDERS WILL BE DELIVERED TO TCHS FOR FREE, AND DISTRIBUTED TO STUDENTS.

# GUEST SPEAKERS



Congratulations to UF Health St. Johns on being named as a Business partner of the year for St. Johns County Schools!



Congratulations to STG on being named as a Business partner of the year for St. Johns County Schools!



Thank you to Donna Wagner for speaking to year 2-4 Healthcare students on careers within the field.



## HASKELL

Thank you to NEFBA and HASKELL for supporting our nail drive and speaking to our students about technology in the build environment!



St. Johns County  
**FIRE RESCUE**

Thank you to SJCFR for presenting to our EMR students in preparation for their ride-along experiences!



Thank you to Emma Cooksey for presenting to our Healthcare students on the topic of sleep disorders!

