

ACADEMY NEWS

October 2022

MONTHLY NEWSLETTER

Tocoi Creek



WELCOME TO TOCOI CREEK HIGH SCHOOL'S CAREER ACADEMIES

Stephanie Tavill, Career Specialist

The year is off to a great start. It is hard to believe the first quarter is already ending this month! Classes are filled with students participating in real-world, project-based learning. We are looking forward to offering engaging guest speaker events this fall as the district grapples with school bus driver shortages, which have sidelined field trips for now. But, there are some awesome things happening in our Academy classes. Read page 2 to learn about upcoming events and page 3 to learn more about what is happening inside of the classroom! If you ever have Academy questions, please feel free to ask:
stephanie.tavill@stjohns.k12.fl.us

Interested in a **career** in the fast-paced field of **health care**?

Who All 9th-12th graders
Free to attend

What Health Care Career Conference
Breakfast and lunch are provided

When October 8, 2022
9 am to 4 pm
Doors open at 8 am

Where Prime F. Osborn III
Convention Center
1000 Water St., Jacksonville, FL 32204
Free parking



Spend a day with the health care heroes from Baptist Health!

- Speak with staff in a range of roles
- Explore the various pathways in health care
- Learn more about the academic and licensure requirements
- Network with local college representatives

Register by September 30 to be entered to win a FREE iPad. The deadline is October 4.

Students can earn up to 8 hours of volunteer service by attending.

Spots are limited!
REGISTER TODAY
Scan the QR code
or click here



For questions, please contact:
Paul Cook, Community Partnership Coordinator
paul.cook@bmcjax.com | 904.202.4922



HOW CAN PARENTS GET INVOLVED?

If you work in the field of Emerging Technologies (drones, robotics, advanced manufacturing), Construction, 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. Contact: Stephanie Tavill 904.547.4273
stephanie.tavill@stjohns.k12.fl.us

UPCOMING EVENTS

Upcoming Events

- Oct 3- T-Shirt sale closes
- Oct 8- Health Care Career Conference (Flyer on pg 1)
- Oct 14- First Quarter ends
- Oct 17- Job-Shadow at American Electrical (AIBE)
- Oct 19- Guest Speaker St. Johns Chamber of Commerce: local job opportunities in Academy fields
- Oct 20- [Manufacturing Job Fair](#)- SJR Orange Park
- October 26- Project Innovation
 - Nov 1- District Competition



LINKS TO PURCHASE ACADEMY T-SHIRTS- SALE CLOSES OCTOBER 3RD

BUILT ENVIRONMENT:

[HTTPS://WWW.SCHOOLPAY.COM/PAY/FOR/ACADEMY-OF-INNOVATION-IN-THE-BUILT-ENVIR/SBURS8G](https://www.schoolpay.com/pay/for/academy-of-innovation-in-the-built-envir/sburs8g)

EMERGING: TECH:

[HTTPS://WWW.SCHOOLPAY.COM/PAY/FOR/ACADEMY-OF-LEADERSHIP-IN-EMERGING-TECHNO/SCGWDDD](https://www.schoolpay.com/pay/for/academy-of-leadership-in-emerging-techno/scgwddd)

HEALTH CARE:

[HTTPS://WWW.SCHOOLPAY.COM/PAY/FOR/ACADEMY-OF-FUTURE-HEALTH-CARE-PROFESSION/SBS3WXP](https://www.schoolpay.com/pay/for/academy-of-future-health-care-profession/sbs3wXP)

MEDNEXUS INNOVATION CHALLENGE

WHAT: A TEAM-BASED ENTREPRENEURSHIP COMPETITION SHOWCASING REGIONAL HIGH SCHOOL STUDENTS TASKED TO PITCH THEIR SOLUTIONS TO FLORIDA'S EVOLVING HEALTHCARE NEEDS.

IT'S A UNIQUE EDUCATIONAL OPPORTUNITY FOR STUDENTS TO RECEIVE SCHOLARSHIP PRIZE MONEY, MENTORING BY TOP UNIVERSITY FACULTY, AND TO PRACTICE FORMULATING AND SHARING INNOVATIVE SOLUTIONS TO REAL NEEDS WITHIN FLORIDA'S FIRST COAST. THE SELECTED COMPETITION THEME WILL BE FOCUSED ON IMPROVING SLEEP QUALITY FOR YOUNG ADULTS AND ALL SELECTED PARTICIPATING TEAMS WILL RECEIVE FREE FIT BITS.

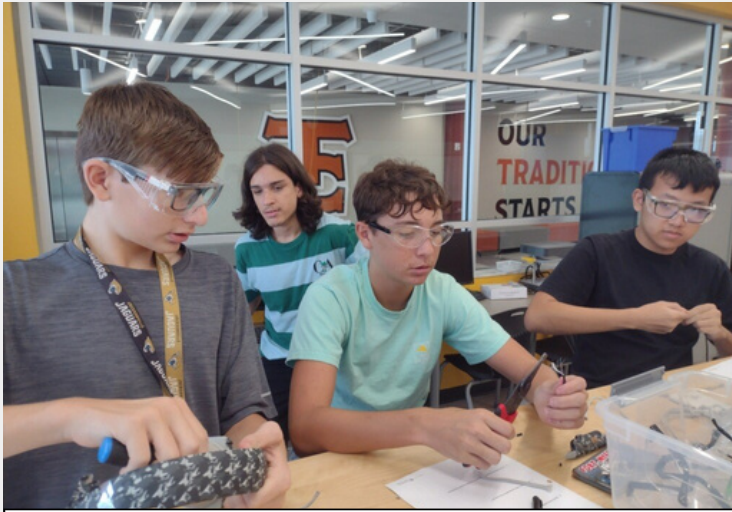
PLEASE FIND ADDITIONAL DETAILS ABOUT THE EVENT [HERE](#). APPLICATIONS TO PARTICIPATE ARE DUE OCTOBER 9!

Academy of Innovation in the Built Environment Students:

IF YOU ARE INTERESTED IN A 4-HOUR JOB-SHADOW (8AM-12PM) ON OCTOBER 17TH AT AMERICAN ELECTRICAL, PLEASE COMPLETE THIS FORM. DO NOT COMPLETE THIS FORM WITHOUT FIRST SPEAKING TO YOUR PARENTS. THIS FORM IS AN OFFICAL SIGN-UP, NOT AN INTEREST SURVEY! AMERICAN ELECTRICAL IS LOCATED AT: 9016 PHILIPS HWY, JACKSONVILLE, FL 32256. ALL PARTICIPANTS MUST BE IN WORKBOOTS AND PROVIDE THEIR OWN TRANSPORTATION..

[HTTPS://FORMS.OFFICE.COM/R/AQCWDNWT0](https://forms.office.com/R/AQCWDNWT0)

Academy News



ACADEMY OF LEADERSHIP IN EMERGING TECHNOLOGIES

Students in year two are fully immersed in the engineer design process. Students are all working on a project innovation pitch by solving a problem of their choosing using the engineering design process. In the picture above students are learning the value of reverse engineering everyday products to learn more about how they work.

In year one our students are improving their circuit building and teamwork skills in the lab each week.

ACADEMY OF INNOVATION IN THE BUILT ENVIRONMENT

Students in level one have completed their OSHA-10 safety certification course and are moving onto the world of hand tools. In level two, students are honing their soft skills, a request from our industry partners. This month students are building bird houses to practice their measuring, cutting, and finishing skills. We are looking for mentors to join our students as we begin our ACE chapter (Architecture, Construction, Engineering). More information can also be found on the ACE Mentor Program of Northeast Florida [website](#). Contact Mrs. Tavill if you or someone you know is interested!



FLAGLER HEALTH + ACADEMY OF FUTURE HEALTHCARE PROFESSIONALS

Students have had no shortage of hands-on learning this month in the healthcare academy. EKG students dissected hearts which helped them contextualize the anatomy they've been learning about on paper. Students in anatomy created cells and tissues using playdoh and participated in a UV lab using color changing beads and sunscreen.



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

Shout-Outs

STUDENT SHOUT-OUT



Students in the Robotics club meet up to four times a week to prepare for regional competitions. Their dedication to the club and to the Academy of Leadership in Emerging Technologies is impressive to say the least. Featured in the photo from left to right are: Brian Millard (Team Captain), Ricky Gonzalez (Lead Mechanic), Noel Griffin (Programmer), Colin Arsenault (Rule Master), and Landen Parke (Mechanic).

BUSINESS PARTNER SHOUT-OUTS

American Electrical is hosting students in the Academy of Innovation in the Built Environment for a job-shadow day on October 17th. Students are able to see what it would be like to work in the industry. These types of experiences are what career academies are all about! Encourage your child to sign up using the link on page 2.

CLUB SHOUT-OUT

HOSA stands for Healthcare Occupations Student Association. Our HOSA chapter has just formed and is 60 members strong. Students are already gearing up for regional competitions later this year. Be on the lookout for some fundraising opportunities coming soon!

One-Blood club is a committee inside of HOSA. Our first blood drive ended with 79 donations which can save 237 lives here locally! Our next blood drive is on November 18th. Students age 16 and above are able to participate. Parents and family members are welcome to donate too!



Academy students must keep their Academy course semester grade at a 70% or higher. If a student's semester grade is not at least a 70%, a letter will be sent home informing the student and their parent that they are on Academy Academic Probation for the following semester. Students must earn at least a 70% or higher for the following semester to remain in the Academy. If the student earns a grade lower than a 70% for two semesters in a row, that student is released from the Career Academy and cannot re-enroll at any time. If a student needs any academic help, they can get FREE tutoring in any subject from the National Honor Society.