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Pike County Schools - Academy Programs

Center for Advanced Academics and Accelerated Learning

205 Mockingbird Lane

Troy, AL 36081

(334) 566-5396



A Quarterly Update on Academy and CTE Programs

the UPDATE



current event highlight >>>

First in Flight and Leadership Academy: Soaring to new heights

Students representing both Goshen and Pike County High Schools – pictured below – took flight on September 26, 2019 by making their first solo flights – bringing them one step closer to earning a private pilot's license. Caidra Owens (GHS) and Cameron Bolden (PCHS) are working hard to complete the challenging task of becoming pilots.

Three additional candidates will begin ground school and subsequent flight training in the weeks to come. Their training will include approximately 100 hours of ground school and 50 hours of flight time.

Congratulations to these aspiring pilots!!



OFF TO A GOOD START!

Pike County Schools – Excellence in Education

The mission of the Pike County School System is to develop individuals who will possess the knowledge, skills, and values essential to becoming productive citizens. The school district's Guiding Principles are: 1) maintain high expectations and performance standards for all students and adults; 2) ensure academic accountability, fiscal responsibility, and clear communication; 3) initiate and sustain effective collaboration with families, community agencies, and business-industry partners; 4) engage in research to provide innovative instruction, proficient technology use, and expanded student opportunities; and 5) deliver friendly and courteous

System-wide the 2019-2020 school year is off to a good start...the Academy and Career Technical programs are no exception. For the 2019-2020 school year, there are 88 total students enrolled in dual enrollment academy programs – 60 with Troy University and 28 with ESCC. STEM was our most popular academy for this particular cohort with 11 new participants, with First in Flight and Leadership coming in second with 7.

As our new career technical dual enrollment programs develop, we have increasing interest in some of those fields. We have 29 total students participating in our new dual enrollment opportunities, which include short-term certificates or certification paths in Agriscience, Computer Science/IT, EMS, and Aviation Maintenance (Airframe). The program with the largest numbers is the Aviation Maintenance program with 13.

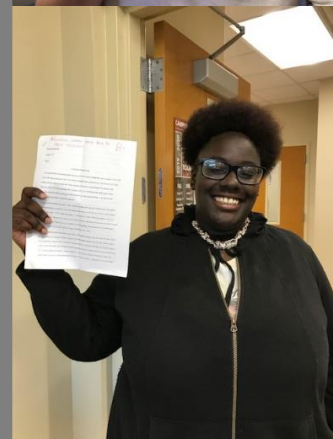
Promoting our new CTE dual enrollment opportunities is one of our priorities this school year. We plan to actively recruit GHS/PCHS students – making them aware of the opportunities and encouraging them to apply. We work with students via on-line core academic classes in order to better accommodate students' schedules.

Thank you all for supporting our Academy and Career Technical initiatives!!

10th, 11th, and 12th Grade Happenings and Staff Activity

By Holly Horne and Jodie Jefcoat

- Two seniors have been placed in the 231 Externship program: Matthew Koch with Troy Bank and Trust and Kari Moore with The Troy Messenger.
- We are enjoying getting to know Giuseppe Soccio, foreign exchange student from Italy. He is excelling in his Access classes and will soon begin taking term two online classes through Troy University.
- Caidra Owens and Cameron Bolden both completed their Solo Flight.
- TU Juniors started out by being challenged with writing essays up to collegiate standards, but most have improved their writing skills and now have the hang of writing a formal essay. For the ones still struggling- we continue to recommend the Writing Center and tutoring.
- On Tuesday, September 24th, all of the dual enrollment students were visited by a recruiter/speaker from the U.S. Marine Corps.
- Also, on afternoon of 24th- Mr. McClure, Mrs. Jefcoat, and Mrs. Horne attended the PD session on Transcript Guidelines. We will be sharing key takeaways from this within the next week or so.
- TU Juniors had a midterm in U.S. History 1111 on Monday, September 30th. We are anxiously awaiting their results. They should have done well- professor provided a study guide as well as held a study session.
- Juniors taking high school Physics really struggled for the first month and half, but now the students are advising it is getting much better.
- Sophomores are finishing their first online college class, TU ART 1133, October 13th. This was a huge learning experience for them in learning how to meet college expectations, deadlines, and standards.
- Sophomore Flight students have now given their first speech in Leadership. We are proud to say - they all excelled in this assignment.
- Scholarship information continues to be dispersed to seniors. Mrs. Maxwell continues to check in on Fridays to get out scholarship information and help in any way - ie FAFSA, etc.
- Facilitators met with ESCC DE coordinator, Ann Kelly, Thursday, October 4th, 2019- to review policy and procedures and to see what they could do to be more helpful to the individual facilitators.
- Mrs. Horne presented the Peer Helper Program to all CA3L Academy students. We have had several students submit applications. Each home campus will be choosing their team members in the next few weeks.
- We have also held several parent conferences with parents of struggling students.
- Learning to manage stress and time management continues to be a challenge for some. We have a counseling intern meeting with small groups once a week. We have also taken other steps to help them learn stress management techniques and prioritize to-do lists.
- Term 2 TU online classes will begin October 14th.
- We have completed the transcript updates of credit recovery classes from Summer 2019, to reflect the new grading scale adopted by the board in August. We are continuing to identify and update other students' transcripts to whom this policy may impact.
- Mr. McClure held a staff meeting to train HELP crisis communication - he covered the philosophy and principles of the program.
- There are many events going on during the month of October- students and parents have been emailed a list of important dates as well as sent via Remind and a printed copy.



Agriscience Technology Academy

By Jamie Rich, Agriscience Facilitator

- Agriscience Academy has received Alabama State RC&D grant to build a tunnel house at the Ag Academy. More information is coming.
- Agriscience Tour on Wednesday, October 9 with members from Alabama Department of Agriculture and Industries.
- Pike County Farm City Committee is donating native trees and fruit trees to Agriscience Academy to assist with Forestry Worker Certification, Forestry FFA Career Development Events, and Vegetable/Orchard Crops.
- Students volunteered with Pike County Farm City Committee on Tuesday, September 24 at Pike County Cattleman's building for Farm Day with all third graders in Pike County.
- Agriscience Academy sophomores are participants of Pike County Farm City Committee Essay and Multimedia Contest. We will find out results in the next week or two.
- Senior Academy member won first place in Angora Rabbit Show
- Junior Academy member competed in Alabama National Fair Beef Cattle Show



Agriscience Class of 2020 Seniors



Business and Finance Academy

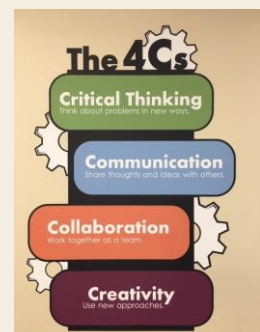
By Cindy Reeves, Business and Finance Facilitator

- The Sophomores participated in the Human Relationship class at ESCC (weekend class). I took the them on September 13th and 14th.
- Teacher Dawn Nance came to Pike County High School to listen to Juniors present their Elevator Speech on September 25th.
- All students are presently working hard on the their course work and taking scheduled exams.





BY AMY GARRETT



Career: *technical...*

By TPCT Faculty

Career Technical Educaiton is one of our focuses this year in the Pike County School System...we have made a commitment to our community to produce graduates college and/or career ready. Our regional industries are relying on us to produce highly skilled, quality employees.



EMS:

In the first 9 weeks, the EMT students have covered a tremendous amount of information ranging from legal, ethical practices in emergency medical services, legal aspects of prehospital emergency medicine to cardiovascular and immunological medical emergencies. They have also started learning hands-on skills such as spinal immobilization on a long spine board of a trauma patient suspected of having a spinal cord injury. The students have learned to place airway adjuncts, perform CPR on cardiac arrest patients, and provide ventilatory support to patients who still have a pulse but are not currently breathing adequately enough on their own or have completely stopped breathing.

Health Sciences:

The Foundations of Health Science students have learned about the history of health care, legal issues related to health care, and emergency response and personal safety in the health care setting. They are currently learning basic first aid skills necessary for emergency care of the patient in and out of the health facility.

Therapeutics Services students have concentrated on the PCT/CNA skills for providing activities of daily living care to patients. This has included bathing, dressing, hair and nail care, and how to document each. These students have also learned a variety of methods for transferring patients via assisted ambulation, use of a wheelchair, and bed-to-stretcher transfers using a draw sheet.

HOSA-Future Health Professionals membership is up over 50% at present. Students use HOSA Fridays to practice contest skills, prep for meetings, and work on community service or fundraising projects.

Ready to Work:

With the 1st 9 weeks of school ending, the Ready to Work classes have been involved in project pitching presentations, communications, collaboration, teamwork, and FDIC – Money Smart Computer based Instruction for Young Adults. DeAnna Chambers a GHS senior is the first Ready to Work student to complete all 8 levels of Money Smart course. Congratulations, DeAnna.

Education and Training:

There are approximately 60 students in the Education & Training/Teaching II program. Almost 1/2 of those will receive Articulated Credit (3 hrs) with Troy University in December. I had several students that were able to attend the Future Teacher's Summit at Troy University last week.

PCHS JROTC:

For students/cadets in the PCHS JROTC Program they participated in Career Exploration Training during the 1st 9 weeks of the school year. All 11th and 12th grade students had to put together and present a Power Point Presentation to their perspective class on their research. The research consisted of careers that required them to have Technical School Training or one that required them to have either an Associates or Bachelor's Degree. Also some students were allow to conduct their research on a career in the United States Armed Forces. This training was done to understand the difference between a job and a career, determine qualifications and education/training necessary for a desired career and help them analyze future job trends. Several of the students' presentations were placed in the schools Continuous Improvement Binder as evidence.

PLTW-Engineering:

PLTW Pre-Engineering students have learned to create objects using CAD software. They have begun a flag project which will be complete around Veteran's Day. Students have also begun a Halloween jack-o-lantern project. Students have sketched their own design for a jack-o-lantern which will ultimately be created in CAD software. Once it is designed in 3D software, they will carve it in a real pumpkin. Jack-o-Lanterns will then be donated to area nursing homes for Halloween decorations.

Database:

Database and Information Technology have complete their SkillsUSA Program of Work, Calendar and elected Class Officers. Database II students have constructed a database table and retrieved, inserted, deleted, and updated data on a Database Table. They are preparing for their certification Exam.

Information Technology has identified the components of a computer, and their category. They have presented Power Point Slides on the different type of Computer Operating Systems; Windows, UNIX, Linus and MAC.

Career: *technical...*

Aviation Maintenance:

The 2019 Fall aviation class being offered is called Technical Preparation (AMT 100). The class has a total of 12 students, 1 from Goshen High School and 11 from Pike County High School. The focus for this class is applied math, physics, weight and balance, and FAR (Federal Aviation Regulation Law). The students have finished the math portion and are currently working on completing the physics section. So far all of the students are doing well grasping the material as they connect the concepts with aviation technology.

Welding:

This semester in NCCER Welding 1&3 students have learned basic metal fabrication and welding skills. Students started the year learning the basics of reading a tape measure down to a 1/16". Students also have become efficient in Oxy-Fuel cutting. In addition to fabrication skills, students have also been practicing various welding procedures. The focus of the 9 weeks has been SMAW, but students have also practiced A/C GTAW.

Project 231 Externship Update: by Rachael Brooks

231 Externship is off to a great start this year! Jennifer Barner (PCEDC) and I have been working extensively to get the students placed in jobs that coincide with their career choice. Jennifer has been a wonderful asset. As a former chamber employee, she is well known in the community and is really enthusiastic about the program. Ten students applied out of the Academy and Dual Enrollment classes. Five have begun work and 5 will start no later than the week of October 7.

We are excited to announce that the following businesses are participants in this year's program: Troy Bank & Trust, Tupper Lightfoot, Nick Drivas (Welder), Lawrence Hardware, Troy Messenger, Dr. Gill, and Sikorsky. The students seem to be excited and adjusting well in their new jobs.

Grant Award:

The Pike County Schools was awarded a Workforce Innovation and Opportunity (WIOA) Grant to help fund the Ready to Work (RTW) program. While helping to supplement the RTW program, it also helps to introduce a new certification to the ever-growing list of credentials available through the Pike County School System. MSSC CPT+, which is an industry credential offered via the Manufacturing Skill Standards Council. MSSC will provide select senior/juniors with the opportunity to earn credentials in: safety, quality practices & measurement, manufacturing processes & production, and maintenance awareness. The grant covers various materials, equipment, and faculty salary. Total grant award was \$117,500. This grant was written by Mr. Knox with assistance from Mr. McClure...congrats! More to come about this grant...

