

*Great things are
happening at
ACTC!*

WHAT'S IN THIS SEMESTER'S ISSUE:

- STEAM Summit
- Student Recognition
- Industry Visits
- Hands on Experience
- Community Involvement
- Program Highlights
- Teacher of the Year

ACTC STEAM SUMMIT

Alcorn Career & Technology Center hosted all ASD 4th grade students for the district's first STEAM Summit. Students participated in hands on Science, Technology, Engineering, Art, and Mathematic activities! ACTC instructors and staff coordinated the event, with ACTC students taking the lead to facilitate the hands on activities.



Educator Preparation Instructor, Mrs. Nan Nethery received a generous grant from Tri-State Educational Foundation to fund the inaugural event! Many weeks of planning and hard work from each program went into preparing for the event. Instructors transformed their classrooms, labs, and shops into impressively themed learning labs to create a fun and exciting hands on learning environment.

STEAM Summit



STEAM SUMMIT

Students rotated through STEAM specific activities, with additional highlights that included a petting zoo in the Agriculture Department, fun and games in Automotive, and snacks in Culinary. Educator Prep Students hosted a “Mad About Science” Lab where the excited 4th graders made slime and an art project.

The Engineering program stunned students with their “Rumbling Robots”, built in their class! Engineering Students facilitated a rotation of activities including racing robots, a game of “Robot Rumble”, and an engineering structure challenge. The fun competition added an extra touch of excitement to the day!



“Adventures in Anatomy” hosted by Health Sciences Students offered students a rotation of three different science and art activities featuring the skeletal system, digestive system, and circulatory system.



Business, Marketing, and Finance was reconstructed into “Mincey’s Marketplace” transforming students into shoppers practicing “grocery store math and budgeting” in their very own marketplace.



Student Highlights



STUDENTS OF THE QUARTER

ACTC would like to highlight these fantastic students for being chosen as Student of the Quarter for their programs. These students were selected by their instructors for being hardworking, kind, motivated, and overall great students!

Students of the Quarter
 Construction- Damien Baker
 IT- Xander Freeman
 Ed Prep- Savannah Krouse
 Auto- Melissa Hudson
 Ag Natural- Trinity Martin
 Ag Power- Ethan Mitchell
 Law & Public Safety- Addison Corbin
 Health Sciences- Andy Counce
 Engineering- Logan Christian
 BMF- Trey Arthur
 Industrial Maintenance- Brennan Bullard
 Culinary- Joseph Bowling
 Nontraditional Student- Hallie Hester

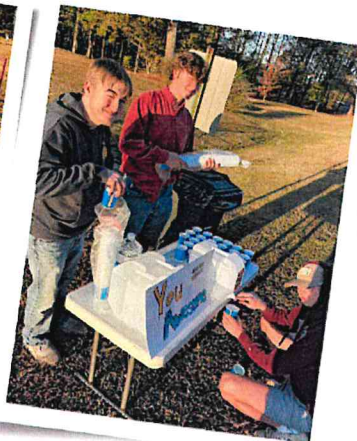
ACTC'S ROTARY STAR STUDENT

Congratulations to Engineering Student, Brody Hajek for being chosen as ACTC's Rotary Star Student!



ACTC STUDENTS VOLUNTEER

ACTC Students volunteered at the Catepillar 5K with proceeds going to the United Way of Corinth and Alcorn County.



AMEN FOOD PANTRY

ACTC programs competed in a contest for a Food Drive benefitting the Amen Food Pantry. Overall, the center collected 305 cans. Health Sciences collected the most at 167 cans. We appreciate all of our students working together to be a blessing to our community.



Hands on Experiences

CONGRATULATIONS TO OUR AGRICULTURE STUDENTS

The ACTC Agriculture Programs shined in the Northeast Federation Contest! ACTC'S Parliamentary Procedure Team finished 2nd, Kaleb Holman finished 3rd in Extemporaneous Public Speaking, and Kenslei Baswell finished 1st in the county and 3rd in federation in National Creed. All of these students will compete at the district level in March.



STUDENT RENOVATION

Carpentry Students renovated the ACTC entrance display case just in time for our program pumpkin decoration contest! They did a fantastic job! Each month, the case will highlight different industries from our community. Kimberly Clark is featured for the month of December.



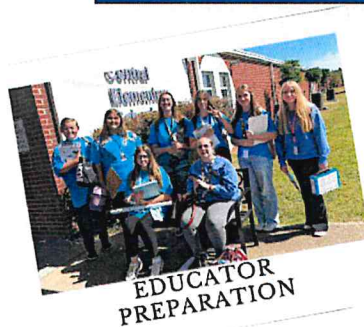
FALL & FESTIVE

After lessons on Fall Crops, Ag Natural Students decorated ACTC for Fall! Thank you for your hard work, it looked great!



HEALTH SCIENCES & EDUCATOR PREP KICK OFF CLINICALS

Health Sciences and Educator Preparation are off to a great start with clinicals! Both classes are gaining hands on experience in their fields and ACTC appreciates our local schools and health care industry playing an important role in shaping our community's future teachers and health care professionals.



Industry Visits

CONSTRUCTION/ CARPENTRY

IBEW Local 852 welcomed Tim Bradley's second year Construction students at ACTC to tour their facility and learn more about the apprenticeship program they offer.



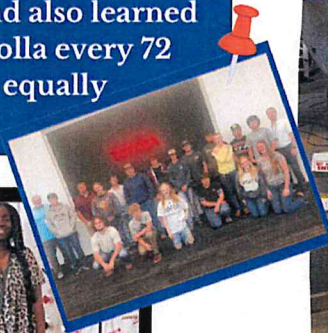
AGRICULTURE POWER & MACHINERY

Ag Power II Students toured CFI and discussed paid internships as well as careers in welding. ACTC appreciates Dustin Smith with CFI for his continued support of ACTC and our Ag Students.



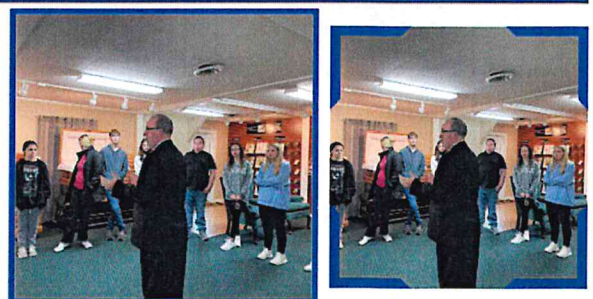
ENGINEERING & INDUSTRIAL MAINTENANCE

This semester, the Engineering and Industrial Maintenance Programs toured the Toyota plant and Experience Center. They were amazed by the immense size of the plant and also learned that over 600 robots were used to create one Corolla every 72 seconds. Both, the students and chaperones were equally impressed with the experience.



HEALTH SCIENCES

Health Sciences toured Magnolia Funeral Home during their "Death and Dying" Unit. Students' eyes were opened to the fact that health related fields are responsible for afterlife care for the deceased, as well as their family.



Program Highlights

AG POWER & MACHINERY

Mr. Fagan and the Ag Power Program received a grant to partner with MDAC and local land owners that have problems with ferrel hogs. Ag Power Students have been hard at work building and designing the equipment that will be used in their new hog trapping program. We can't wait to see the big things our Ag Power Students do with their new opportunity.



CONSTRUCTION/CARPENTRY

Construction students were given the project of updating the display case in the ACTC lobby. Mr. Bradley and his talented students removed the black drywall and ceiling in the case then, installed plywood and painted it white. They also installed new light fixtures and white receptacles giving the case a bright updated look. We are proud to highlight their hard work!



AG & NATURAL RESOURCES

Ag Natural Students are preparing for their Spring Greenhouse Sale. Students planted Mixed baskets of Wandering Jew, Swedish Ivy & Spider Plant during their most recent unit. We look forward to seeing the blooms this spring!



AP PHYSICS

AP Physics for all ASD Schools is now located on the ACTC Campus. The program, along with the fantastic instructor and students have been a great addition to our campus. The photos featured highlight students working on a "Conservation of Energy Lab" The purpose of the lab was to determine which had a better energy efficiency; a golf ball or a tennis ball. The students had to measure mass on a 3 beam balance and measure bounce heights of the balls. Then, apply the correct equations to get the mechanical energy and determine energy converted.



Program Highlights

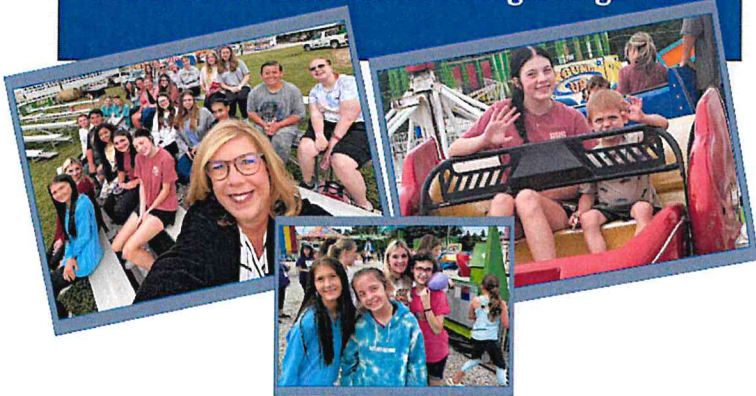
BUSINESS, MARKETING, & FINANCE

BMF Students took a trip to Nashville for a behind the scenes tour of the Tennessee Titans Facilities. Students were able to explore career opportunities in media, finance, marketing, event planning, lawn and turf management, & more! To add to the excitement, students were also able to tour the Titan's Locker Room, try on equipment, tour the cheerleader/mascot dressing rooms, go into the largest suite, and play on the NFL football field.



EDUCATOR PREPARATION

Ed Prep Students assisted with some super special ASD Students at the Alcorn County Fair. Students rode rides, watched circus acts, and ate some great food. Friendships were established as students shared fun and laughs together.



AUTOMOTIVE

Automotive Students perform a 4-wheel alignment as others featured worked on the diagnosis of electrical issues on a Toyota Corolla. ACTC Automotive program welcomes a new instructor, Mr. Joey Spencer.



ENGINEERING

While learning about manufacturing processes, engineering students were introduced to a sand blasting process. Blasting is widely used in various manufacturing processes. Students learned that blasting can be manual or automated and utilizes various blasting media depending on the application to propel media at certain pressures. Engineering students had a BLAST learning the ins and outs of this engineering process!



Program Highlights

INDUSTRIAL MAINTENANCE

Students in Industrial Maintenance 1 are learning about harness safety. In the performance test, students get to properly fit a safety harness, hardhat, and safety glasses and see what it feels like to hang while wearing the personal fall arrest system. Hands on learning happening at ACTC!



CULINARY

Culinary Students enjoyed working on their 5 Mothers Sauces Unit. Students created a béchamel sauce featuring mac and cheese and chicken alfredo. They tasted as good as they look!



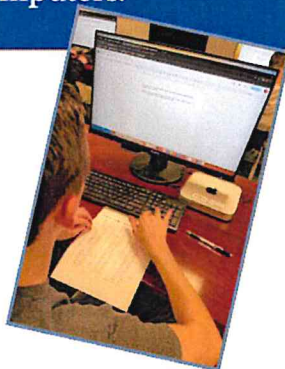
HEALTH SCIENCES

Healthcare and Clinical Services Students had the pleasure of learning about Operating Room procedures and tools. MRHC'S Dixie Drewery, Certified OR Tech, shared about her specific role on the OR Team. Students got to see and handle the OR tools and participate in a game of organs. We appreciate Michelle Moore, RN and Manager of OR for setting up this fun visit.



INFORMATION TECHNOLOGY

IT Students experienced the difficulty of reading instructions written with only I's and O's, also known as binary code. Most modern computers use binary coding for instructions and data. Featured are students working on writing their name and birthday in binary. They quickly gained a new appreciation for the speed and accuracy of computers.

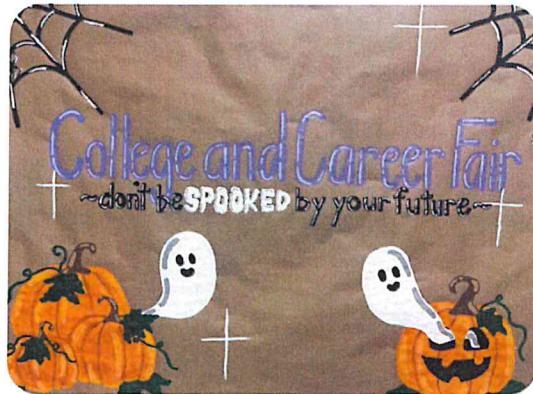


LAW & PUBLIC SAFETY

ACTC extended a huge thank you to Corinth Fire Department for spending the day with our Law and Public Safety Students highlighting the physical fitness requirements that it takes to complete the Fire Academy in the State of Mississippi. The students enjoyed the eye opening activities!



College & Career Fair



ASD'S 1st Annual College & Career Fair was a huge success showcasing over 40 college and career recruiters. Colleges, military, businesses, and industries filled the MS State Extension Center allowing our ASD students to explore opportunities for the present and the future!

ACTC'S Culinary II Program added a special touch to the day by providing and serving breakfast and lunch to recruiters at the event. It is an honor to highlight our talented instructors and students while serving our community.



ACTC Teacher of the Year

This Fall, ACTC Faculty & Staff voted Mr. Rodney Fagan the 2023-2024 Teacher of the Year. Mr. Fagan is the Agriculture Power & Machinery Instructor. Since taking over the program in the 2022-2023 school year, he has sparked a revival of the Ag Power Program within the center and his students. His excitement for his program, students, and learning is evident. When asked about his time at ACTC, Mr. Fagan said, "I just have a passion for Career Tech Education and love what I do..." ACTC is proud to highlight Mr. Fagan as our Teacher of the year.



In the Summer of 2023, Mr. Fagan applied for and received a \$25,000 grant with Mississippi Department of Agriculture and Commerce to start a wild hog trapping program. Since receiving the grant, Mr. Fagan and his AG Power Students have used the funding to purchase materials and equipment needed to build traps to begin their hog trapping program. The program will work in partnership with landowners to train and trap wild hogs causing issues on farms and to property. Mr. Fagan hopes this new venture will teach his students the importance of working in partnership with landowners, customer satisfaction, as well as serving for our community.



The Alcorn School District does not discriminate on the basis of race, color, national origin, age religion, marital status, sex, or disability in employment, vocational programs, or activities set forth in compliance with federal and state statutes and regulations. Any person having inquiries concerning the Alcorn School District's compliance with Title II, IV, VI and IX and/or Section 504 may contact: Alcorn School District Federal Programs office at 662-286-3202 Alcorn School District 504 Coordinator at 662-286-7727