

Alcorn Career and Technology Times

Alcorn Career & Technology Center
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Rodney Hopper, Director
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Words of Wisdom

“All growth depends upon activity. There is no development physically or intellectually without effort, and effort means work.”

-Calvin Coolidge

“Whatever your life’s work is, do it well.”

-Martin Luther King, Jr.

“Working hard is very important. You are not going to get anywhere without working extremely hard.”

-George Lucas

Recruitment Underway

Program recruitment efforts are vital to our career and technical center. We want all students and parents in the Alcorn School District to understand the rigor and relevance of our programs and to know that the ACTC faculty and staff is here to help students succeed.

Every day, the ACTC staff prepare students for high-skill, high-wage, high-demand careers. Our center’s theme is “Preparing Tomorrow’s Workforce, One Student at a Time.”

We offer programs in 13 of Mississippi’s 16 Career Pathways. Classes we have to offer to high school students in the upcoming 2018-2019 school year are:

- Agriculture and Natural Resources
- Agriculture Power & Machinery
- Automotive Service Technology
- Business Fundamentals/Marketing
- Career Pathway Experience
- Construction
- Culinary Arts
- Digital Media Technology
- Health Sciences
- Law & Public Safety
- Metal Fabrication
- Polymer Science
- Teacher Academy

For more information about our programs, please visit the Alcorn Career and Technology website at: <http://actc.alcorn.k12.ms.us/> or call the Alcorn Career and Technology Center at (662) 286-7727.

We also encourage you to follow us on Instagram to keep up with our latest news. @alcorncareertechcenter



We recently hosted tours for the Alcorn School District ninth graders. Freshmen were able to tour through our programs, listen to instructors explain the importance of their programs, careers related to those programs, and receive some information to take home and share with their parents. The students were also given the opportunity to fill out an interest survey to allow our staff to learn of particular students’ interests

in the programs.

We enjoyed having the Freshmen on our campus and look forward to them being ACTC students in the future! Below are scenes from Freshman tours.



A big shout out goes to our Career Delegates. They are student leaders that serve as tour guides and help out at ACTC with other important events. Pictured, below, Career Delegates are ready for action.



Students of the 3rd Quarter



Ag. & Natural Resources
Bailey Crump



Ag. Power & Machinery
Elijah Pinson



Automotive Service Technology
Landon Martin



Marketing
Jasmekia Turner



Construction
Hayden Switcher



Culinary Arts
Breanna Marion



Digital Media Tech.
Hunter Scott Moore



Health Sciences
Hailey Samples



Law & Public Safety
Lily Shaw



Metal Fabrication
Gavin Fullwood



Polymer Science
Mercedes Null



Teacher Academy
Summer Williams

Rotary Student

The Alcorn Career and Technology Center is pleased to announce that Gracie Hinton has been named the ACTC Rotary Student of the Month for February. Gracie, the daughter of Greg and Christy Hinton, is a senior at Kossuth High School. She is a program completer in the Teacher Academy program at the ACTC and is currently enrolled in Career Pathway Experience. She was nominated for this honor by her CPE instructor, Mr. Phil Smith.

At the Alcorn Career and Technology Center, Gracie is an Educators Rising member, and serves as President of the ACTC chapter. She is a member of the National Technical Honor Society, where she serves as President of the ACTC chapter. She has also been a Career Delegate, leading younger students on tours of the Alcorn Career and Technology Center, for the past two years.

At Kossuth High School, she is currently a member of FCCLA, FFA and is a Community Connections mentor.

Gracie has taken part in various community service activities. She has served as a Special Olympics volunteer in 2014-2017, a Winter Wonderland volunteer, RHBAA Juvenile Auxiliary member, a 4-H member, and has partnered with Excel by 5 on various projects. Gracie attends Holly Baptist Church where she is a member of the youth group and works with Vacation Bible School.

After graduation, Gracie plans to attend NEMCC, then transfer to Ole Miss to complete a Bachelor's degree in special education. She would love to return to the Alcorn School District as a special education teacher.



Congratulations, Gracie!

Attendance Prize Winner

Scott Moore of Digital Media Technology was the attendance prize drawing winner for the second nine weeks. Scott received two Malco movie tickets, donated by Malco Theaters.

All students having perfect attendance for the second nine weeks received a card for a free Subway cookie, donated by Subway.



Additionally, all students with perfect attendance for the first semester received a \$10 Wal-Mart gift card. Funds for these prizes were donated by the Bank Association. Pictured, below, are just a few of the students, which received gift cards.



Digital Media Technology

Submitted by: Carleigh Holt—DMT Student Intern

Since the first of the new year, first year Digital Media students, have made songs and radio commercials using Logic Pro X. While second year students have been introduced to Motion 5 to enhance their graphics in their videos. The second year students have also been involved in filming a promotional video for the Career Center as well as videos instructing class members the proper procedures to take during natural disasters. In addition, members of the Technology Student Association, Digital Media Technology's class organization, had eleven members to compete in Booneville, Mississippi for their district competition. These students will compete at the Technology

Student Association State Conference in Tupelo, Mississippi on March 27-29th.

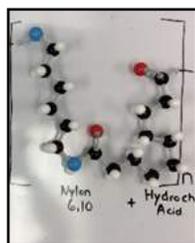
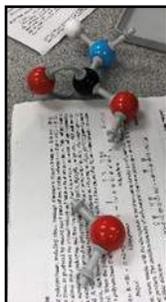


Polymer Science

Submitted by: Stephanie Parsons, Polymer Science Instructor

Show and Tell... Chemistry Style – Polymer Science students build models of polymer synthesis action. At first it can be a challenge, but becomes very easy to do after modeling the first. Every synthesis reaction is much clearer when you're playing with toys to learn about them. In today's classroom, chemistry is hands-on in many amazing ways along with traditional labs





Polymers, Metals, Crystals, Ceramics, Oh My! – We just can't get enough of Material Science study around here. Polymer Science students are molding out clay projects for their Raku Glazing projects. Ox-Redux is never going to be the same in our class. Students' personal application and hands-on endeavors in ceramics will make this one unforgettable unit. Great memories are formed in our Raku experience at ACTC. Molding clay to nature sounds is the best!



Valentine's Day Chemistry – Polymer Science students all received a valentine chemical reaction along with some traditional gifts that day. Students blew up these gift hearts by releasing a reactant within the Mylar balloon. Everyone enjoyed shaking it up and making observations of the chemical and physical reactions taking place.



Molding, Casting and Polishing – Metals is an interesting unit with manufacturing methods taking the award for most interesting. Everyone gets to take home what they have created in pewter using green sand casting and silicon rubber molding techniques. Product finishing is challenging, but students get the hang of it and realize it takes a great deal of patience

A Teddy that's a Teddy! - Robert Dilworth 3D printed this Teddy Roosevelt "Teddy" using Thingiverse, Cura, and our New Matter 3D printers.



Awesome!





Ag Power and Polymer Science Meet in the Metal - Ag Power's instructor Mr. Deaton, and student Emily Barnes treated Polymer Science students to metals fabrication and properties of metals demonstration and instruction.

There was oxy acetylene cutting and welding, metals grinding to demonstrate spark patterns, and an impressive demonstration of plasma cutting to compare to oxy-acetylene cutting.

Onlookers were impressed and educated in how to safely operate these devices and procedures. Second year students were respectfully aware of the potential hazards and watched from a safe distance. Jackson Turner and Mrs. Parsons dared to plasma cut and found it to be enlightening!



Freshman Tours - Students visiting ACTC were treated to demonstrations of a polyurethane foam synthesis and the making of anhydrous copper sulfate. Isabella and Kelly did a wonderful job showing visiting freshman these exothermic reactions!



Marketing

Submitted by: Skyler Mincey, Business Fundamentals/Marketing Instructor

Business Fundamental and Marketing students have had an eventful quarter. After learning about occupations in the field of Business, students took a trip to WTVA in Saltillo, MS to tour the station. Throughout the tour, students saw first-hand how business relates to many people's occupations in the News Broadcasting career field. In addition to touring the station, students got to chat one-on-one with the marketing coordinator for WTVA. In addition to learning about business related occupations, students learned to count inventory, budget, and learned about Economics.



NEMCC Tours

On March 1, our program completers had the opportunity to tour their articulated programs at Northeast Mississippi Community College. A big thanks go to the NEMCC staff for providing these tours in order for our students to be introduced to some of their post-secondary options.

Pictured below are some of the ACTC students that toured NEMCC.



Health Sciences

Submitted by: Tila Johnson, Health Sciences Instructor

The Health Science students competed at District HOSA on February 16th. Alan Essary placed 2nd in Clinical Specialty while Kristen Crum placed 3rd. Hope Jones advanced in Medical Reading, Maggie Porterfield advanced in Epidemiology, and the Public Health Team also advanced to State, members are Lynleigh Crabb, Elizabeth Spears & Jada Burdine.

State HOSA competition will take place at the Marriott in Jackson, MS in March. The above students will compete along with 2 Medical Innovation teams. Members include Canasyia Barton, Aunesty Dilworth, Brianna Hill, Faith Rorie, Breanna Spencer & Hailey Samples. Ivy Box will also compete in Healthy Lifestyle.



We took a trip as a class to the Heart Health Conference on February 23rd and learned about many heart related diseases, prevention, treatment and how to live a healthy lifestyle.

The first year students have begun learning to take vital signs. They also learned what blood is made of by creating their own bottles of blood, using several household materials. This year is sure flying by. They have really retained a lot of material.

The second year students are finishing their therapeutic unit. They have learned about Respiratory careers, Dietary careers and Mental Health careers. They have truly enjoyed having guest speakers to come and talk to them about these different careers in the medical field.

Heart Conference 2018



Learning to Take Vital Signs



Making Simulated Blood



School Board Appreciation

The Alcorn Career and Technology Center's Culinary Arts Program and National Technical Honor Society Chapter honored the Alcorn School District's School Board during Mississippi School Board Recognition Week in February.

The Career Center's Culinary program prepared and served the Alcorn School District's School Board a meal directly before their February meeting. The School Board also had the opportunity to tour the new Culinary Lab.



The ACTC Chapter of the National Honor Society provided “happies” for the school board to enjoy during their meeting.



Teacher Academy

Submitted by: Nan Nethery, Teacher Academy Instructor

On December 9, 2017, the Teacher Academy students once again partnered with Excel by 5 at the Magnolia Regional Health Center’s Winter Wonderland event, which was at the Crossroads Arena. Students became Christmas Reading Eves, where they read Christmas stories to children as they waited to visit with Santa. Children were also given free books at the event. Community Service continues to be a very important aspect of Teacher Academy.



2017-18 Educator’s Rising State Conference

Educators Rising is the career and technical student organization for the Teacher Academy program at the ACTC. We had an amazing trip to Natchez, MS on February 7-9. Students selected various competitive events related to the teaching profession in which to participate. This year’s group had six winners at the state level. Gracie Hinton placed third in the Educator’s Moment event; Dallas Smith placed third in Public Speaking; Lyn Cummings and Katie Willis placed second in the Inside Our Schools event; and Montana Settlemires and Caitlin Stevens placed third in Researching Learning Challenges event. Each of these students will advance to the national level of competition on June 21-24 in Orlando, FL.

We are so proud of the efforts made by these students and all students that competed.



March 2nd was Dr. Seuss's birthday—what better way to celebrate than to read? Did you know Dr. Seuss would be 114 this year? While he is no longer with us, his legacy lives on in the pages of his books. He forever changed the way children's books were written and continues to inspire generations. Teacher Academy students decorated their classroom door in celebration of this special day.



Second year students have mainly focused on the military branches and the history of these different branches. They have talked about the Navy, Army, and Air Force. Along with those, they've discussed the Marines, National Guard, and Coast Guard. Second year students focused on who established these branches and the location of them. They also discussed the requirements to enlist in each of these.

Even though the students worked separately, they sometimes assembled to discuss important topics going on. Some topics included the school shootings in Kentucky & Florida. They shared their opinions on how they could prevent these things. Along with that, they discussed and shared their opinions on the teacher carrying a concealed weapon bill that our state legislators are trying to pass.

CTE Rocks Photo Booth

ACTC's theme for February's Career and Technical Education Month was "CTE Rocks." Students and faculty had fun with the "CTE Rocks" promotional photo booth.



Law & Public Safety

Submitted by: Jayme Bradley, Law & Public Safety Student

In Law and Public Safety, first and second year students, have learned many different things this semester. The first year students started off this semester by learning the Mississippi DUI Laws and punishments, Use of Force Continuum, how to conduct a basic field sobriety test and basic handcuffing procedures. First year students also discussed the differences of a felony traffic stop and a basic traffic stop.



SkillsUSA

Members of the SkillsUSA Chapter at the Alcorn Career and Technology Center competed in the SkillsUSA Competition at Northwest Mississippi Community college on February 20, 2018. This group represented our school and district well and placed in various contests.



SkillsUSA competition winners are:

1st Place Cabinet Making—Hayden Switcher

3rd Place Carpentry—Jordan Chadwell

3rd Place Structural Welding—Bryant Marsh

3rd Place Welding Fabrication—Jaxson Bailey, Dalton McDowell, and Gavin Fullwood



Newsletter compiled by:

Jennifer Koon,

Alcorn CTE Counselor

The Alcorn Career and Technology Center does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. Inquiries should be directed to the Alcorn School District Superintendent at P.O. Box 1420, Corinth, MS 38835, (662) 286-5591.