

# Alcorn Career and Technology Times

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

*"Well done is better than well said."*

**-Benjamin Franklin**

*"The will to win, the desire to succeed, the urge to reach your full potential...these are the keys that will unlock the door to personal excellence."*

**-Confucius**

*"Nothing will work unless you do."*

**-Maya Angelou**

## CTE Month is Celebrated

The Alcorn Career and Technology Center students, faculty and staff celebrated National Career and Technical Education Month in various ways.

The ACTC theme for this special month was "CTE Celebrities." Each student and faculty member had a photo booth opportunity to have a VIP photo made. Also, the theme was shown throughout the school. The Marketing students even created a display featuring a red carpet, marquee, and stars autographed by all our CTE Celebrities.



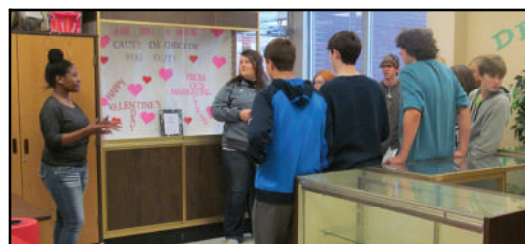
Our CTE programs were highlighted in a special series in the *The Daily Corinthian* by staff reporter Kimberly Shelton. She is shown (right) with her former ACTC instructor, Diane Daughtry. We appreciate the work



Kimberly did to help us spread the word about the great things taking place in CTE.



Our students and staff highlighted, to younger students, the many positive things that are taking place at our center and the many ways CTE can help them in their future. This was accomplished by conducting tours of our center for all 9th graders in the Alcorn and Corinth School Districts. Tour groups were led by ACTC Career Delegates and instructors.



A Non-traditional Student Day was sponsored by the Student Services personnel at our center. Non-traditional students were honored and benefits of non-traditional careers were discussed.



Many of the second year CTE students took a tour of their articulated programs at NEMCC on February 24th. Students were led on tours by NEMCC staff and were shown options in post-secondary education.

## Students of the 3rd Quarter



Ag. & Natural  
Resources  
Madison Jacobs



Ag. Power &  
Machinery  
Arion Morgan



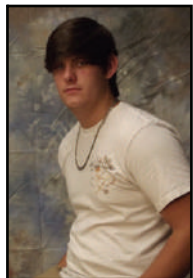
Automotive Service  
Technology  
Jaxon Rickman



Business  
Fundamentals  
Jacob Dooley



Career Pathway  
Experience  
Zach Cash



Construction  
Johnny Pittman



Digital Media Tech.  
Conner Smith



Health Sciences  
Tristan Rorie



Metal Fabrication  
Hunter Murrah



Polymer Science  
Shyna Dilworth



Teacher Academy  
Lizette Martinez

## Rotary Student

The Alcorn Career and Technology Center is pleased to announce that Kristen Jacobs has been named the ACTC Rotary Student of the Month for January. Kristen, the daughter of Chris and Tiffany Jacobs, is a senior at Kossuth High School. She has completed the Health Sciences program at ACTC and is currently enrolled in the Polymer Science program. Kristen was nominated for this honor by her Polymer Science instructor, Mrs. Stephanie Parsons.

Kristen is currently ranked third in her class of 106 seniors at Kossuth High School and scored a 30 on the ACT. She is an active member of the National FFA Organization and serves as the KHS FFA chapter's vice-president. She is a member of the National HOSA Organization, National Honor Society, Math and Science Club, Spanish Club, SGA, the Superintendent's Student Advisory Committee, and the National Technical Honor Society, where she has served as president of the ACTC chapter for the past two years. Kristen also serves as a Career Delegate at the Alcorn Career Center and represents the school at public events.

Kristen's academic honors include scoring advanced on the MS-CPAS, English II, and Biology exams; All A Honor Roll, English II Award, Psychology Award, Accounting I Award and Technology Discovery Award. She also recently won second place in a state-wide Polymer Science essay contest.

Her extracurricular achievements include: 2nd Place Individual in the District HOSA Medical Terminology event, 4th Place Team FFA Federation Opening and Closing Ceremonies, Silver Emblem FFA National Farm Business Management CDE, First Place Team FFA State Farm Business Management, First Place Individual State FBLA Accounting I, Second Place Team in Geometry at the Blue Mountain Math and Science Competition. She was also named the Alcorn Career and Technology Student of the Year in 2014. Continued on next page...





Kristen's community service includes volunteering through the local Autism Awareness Event, Alcorn County Disaster Drill, Northeast Mississippi WIN Job Fair, Pregnancy and Infant Loss Awareness Event, Alcorn County Fair, KHS FFA Petting Zoo, Corinth Coca-Cola 10K, Alcorn Food Drive, and the Magnolia Regional Health Center's ER Wing Test Run.

Currently, Kristen works a part time job as a Domino's Customer Service Representative. After graduation, Kristen plans to attend Union University to major in pre-med and psychology and minor in Spanish. After receiving her bachelor's degree, she hopes to be accepted into medical school to achieve her goal of becoming an Obstetrician/Gynecologist.

### ***Arby's Donation***

ACTC would like to recognize Arby's Restaurant Group, Inc. of Corinth for their sponsorship of our center's attendance reward program. Good attendance is so important in the workplace and ACTC strives to reward students for their attendance efforts. We greatly appreciate Arby's who has agreed to partner with us and donate food certificates to serve as rewards for our students. Pictured below are Linda Pace, Arby's Operating Partner, and her staff making a donation of food certificates to Ms. Koon, CTE counselor.



### ***Attendance Rewards***

Congratulations to the 63 students who had perfect attendance for the second nine weeks. They each received a certificate for a food item from Arby's of Corinth. Also there was a drawing from among the students with perfect attendance

for two Malco movie tickets. The recipient of those tickets was Matthew Watson of Metal Fabrication.

ACTC greatly appreciates Arby's and Malco for their support of our school and our attendance reward program.

Right: Mr. Hopper, ACTC Director, presents Matthew Watson with two Malco movie tickets.



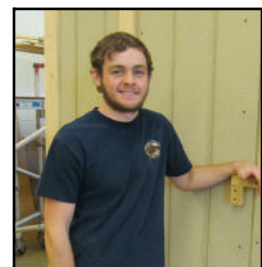
### ***School Board Appreciation***

The National Technical Honor Society Chapter at the Alcorn Career and Technology Center honored our school board members during Mississippi School Board Recognition Week 2015. School board members received a small token of our appreciation for all the hard work they do and the support they give to our center. Pictured are a few of the NTHS members with the appreciation gifts.



### ***SkillsUSA Winner***

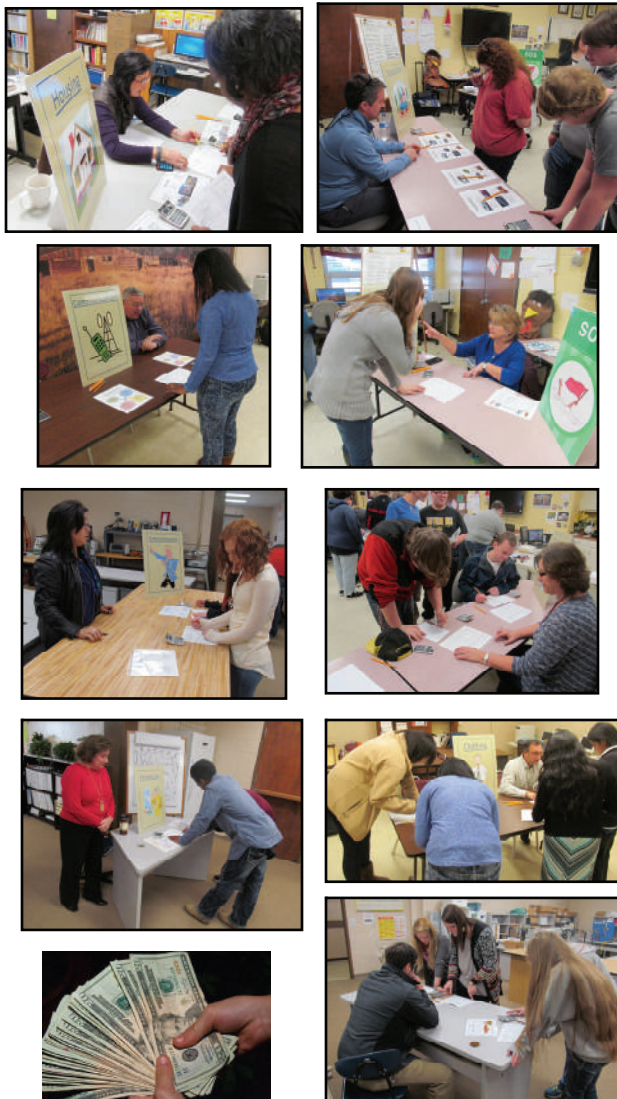
Congratulations go to Construction student, Jacob Brock, who placed 2nd in the District SkillsUSA competition in the area of Carpentry. His SkillsUSA advisor is Mr. Fred Jackson, Construction Instructor.



## ***The Real World***

Mary Linda Moore, MSU Family Resource Management Area Extension Agent, visited our center on January 21 to conduct "The Real World" budgeting activity. Each student was assigned an occupation, salary, marital status and children or no children. The students, then, had to travel to ten different stations and make purchases and pay bills. There were many choices that the students had to make to keep on budget. The students who made poor money choices either ran out of money or had to take on extra jobs to pay their bills.

ACTC staff and CPE students served as guides for the activity. This was a great simulation and we greatly appreciate Mrs. Moore for conducting this activity with our students.



## ***Digital Media Technology***

Submitted by: Steve Shaw, Digital Media Technology Instructor

First year students have been learning basic animation and drawing techniques using Adobe Flash and are soon to embark on Audio/Music editing using Logic Pro X.

Second year students have started a study of motion graphics for use in their movie editing projects. They have created disaster drill training videos for future DMT students to view. These videos show the procedures to follow in the event of a tornado, fire, intruder, earthquake or other disasters. First year students were recruited as actors in these videos, which were written, filmed, directed, and edited by the Second year students. In addition, every group participated in creating an orientation video to be shown to prospective 9<sup>th</sup> graders as they tour the ACTC facility.

(Right) The classes were featured in an article in the January 25, 2015 edition of The Daily Corinthian newspaper.



Five students participated in the Digital Video Production competition at the TSA Regional Conference/Competition at NEMCC in Booneville. The team won first place and will proceed to State Competition on March 16 - 18 in Jackson. The TSA Digital Video Production team members were Brianna Fleming, Spencer Chandler, DaShawn Farley, Connor Smith, and Dakota Pittman.





## CTE Celebrities

Our theme for CTE month was "CTE Celebrities." The school was decorated with red carpet items for this event. Students and staff also had a fun, photo booth opportunity to make CTE Celebrities photos as part of our celebration of CTE Month. Here are just a few of the over 200 photos which were made.



## Connections Magazine

The Alcorn and Corinth School Districts were well represented in the latest issue of *Connections* magazine. *Connections* is a semiannual magazine highlighting the news and achievements of Mississippi's Career and Technical Education programs. The magazine covers a broad spectrum of Mississippi CTE news, including awards and recognitions, program updates, and feature stories. Funded by the Mississippi Department of Education, the magazine is produced and published every spring and fall by Mississippi State University's Research and Curriculum Unit.

The Alcorn Career and Technical Center was especially honored to be included on the cover shot for the magazine. Students and Ms. Koon are featured and the photographer for the cover was Brianna Fleming, a Digital Media student from Kossuth High School.

You may view this magazine at the following web address:

<http://issuu.com/rcumedia/docs/connections-fall2014-highres4>



## Can Tabs for R.MH

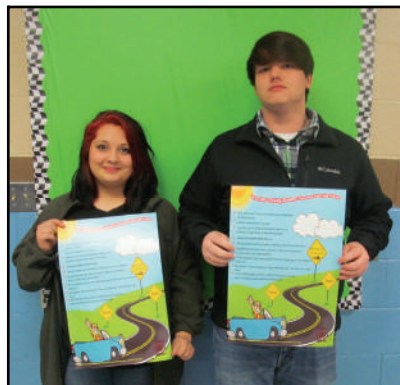
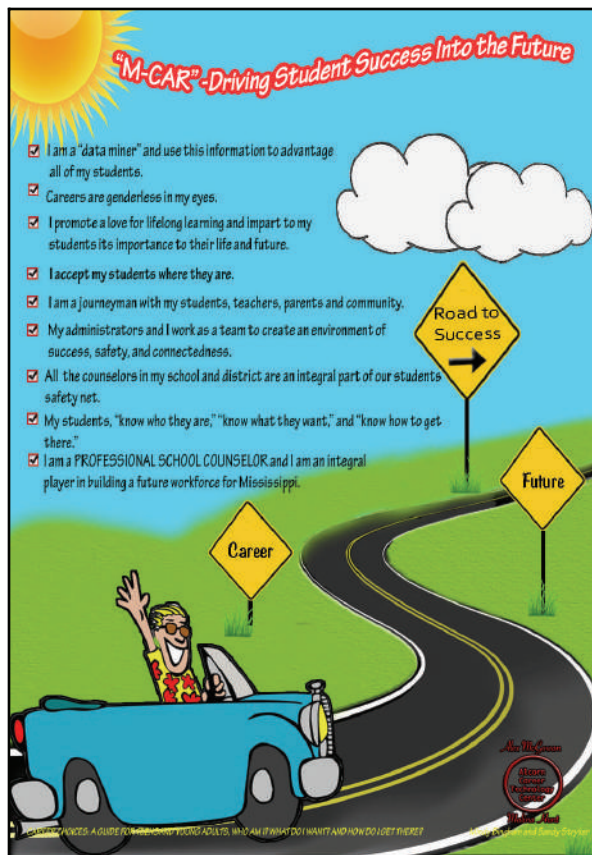
The ACTC CTE organizations are continuing to collect can tabs for Ronald McDonald House Charities of Memphis. Please bring your donations by the ACTC office or send them by any ACTC student. Thank you!

(Right) Brianna Essary, Marketing student, is shown with a donation of can tabs she collected and brought to ACTC.



## Posters For Counselors

The Mississippi Department of Education's Office of Career, Counseling and Support Services had 1000 MCAR posters printed for school counselors in Mississippi. The designers for the posters were none other than our own Digital Media students, Alex McGowan and Malina Hunt. Congratulations to these students on their winning design and for their service to our state's Department of Education. We are proud of you!



## FAFSA Assistance

Submitted by: Jennifer Koon, CTE Counselor

Representatives from the Financial Aid Department at Northeast Mississippi Community College will visit the ACTC Campus on March 31st to assist high school seniors with the completion of the Free Application for Federal Student Aid (FAFSA). This is the form that must be filled out in order to apply for a Pell Grant. It is also a form that must be completed to apply for the NEMCC Tuition Guarantee Program.

Representatives will be set up in the Student Services computer lab from 8:15 a.m. until 10:30 a.m. Students will need to bring the following items, if assistance is needed in completing the application. Parents are invited to attend with their senior student.

- Copy of student's and parents' 2014 federal tax returns
- Student's and parents' driver's license and social Security numbers and birth dates
- Student's and parents' W-2 Forms and other records of money earned
- Current bank statements or an amount of student's and parents' cash, savings and checking accounts
- Current business information
- Stock, bond and other investment records or a total amount of investments not in retirement accounts
- Date of student's parents' marriage, divorce or separation

If students and parents wish to fill out the information on their own, the application may be found at: [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Please call Jennifer Koon at 286-7727 with any questions.





## Health Sciences

Submitted by: Nikki Robertson, HOSA Journalist

This quarter in Health Sciences, we have been preparing hard for HOSA competition. This year, it was located at Delta State University. Our competitors are as follows: Kaitlyn Box & Montana Elam- CPR-First Aid, Kaitlin Crum & Gracie Smith- Forensic Medicine, Kylie Gifford- Personal Care, Cody Hubanks- Clinical Nursing, Jasmine Lee- Medical Math, & Nikki Robertson- Human Growth & Development. We spent many extra hours practicing and preparing but unfortunately, due to weather, we were unable to attend.

We also attend The Women's Health Conference every year and learn about heart health. This is sponsored by MRHC and is very educational. Again, we were unable to attend due to weather.

We have also been working very hard on skills. The first year students have been practicing basic care skills such as vital signs, proper body positioning & moving clients, and changing beds. The second year students have finished therapeutic skills such as ROM, ambulating clients using different devices, and rehabilitative skills.

Below, first year students, Montana Elam and Olivia Irvin show off their digestive system project and Kaitlyn Box and Cody Hubanks practice basic skills.



## Marketing

Submitted by: Diane Daughtry, Business Fundamentals/ Marketing Instructor

On Monday, February 23, an accomplished entrepreneur spoke to the Business Fundamentals and Marketing students. Mrs. Laura Bangar, Rodan + Fields Independent Consultant/ Franchise owner, told the students her personal journey and demonstrated the advantages of being your own boss.

A loan officer for a bank and pregnant with her first child, Mrs. Bangar took the risk of leaving her stable job to pursue a career where she could work from home. In just two years, she developed a multi-million business, with 70 consultants working for her, and 3000 clients. Rodan + Fields is the company that created ProActive. Mrs. Bangar is making her fortune selling their anti-aging products.

Mrs. Bangar discussed famous entrepreneurs and how they achieved their success. She encouraged students to find a career in a field they love.



Business Fundamentals and Marketing students attended a Mississippi State vs. Ole Miss Hockey game on Thursday, January 15, at the BancorpSouth Center in Tupelo. Students experienced several different aspects of sports marketing, including signage, concessions, and team affiliation gear. Students' favorite advertising was the WTVA sponsorship of the Zamboni. The students enjoyed a quick trip to mall to eat supper and the exciting action of the game.



## Teacher Academy

Submitted by: Nan Nethery, Teacher Academy Instructor

Recently, Teacher Academy students were honored with a classroom visit by Dr. Mark Yeager, Board Certified Autism Specialist. He shared many interesting facts about individuals with autism. Dr. Yeager said, "People with autism have to train their brains in a different way." He also discussed social skills, generalizations, and bullying related to autistic individuals.



The second year Teacher Academy students had the opportunity to tour the NEMCC Child Care Development Center in February. TA students got to visit with the instructors of the program, as well as, students enrolled in the program (Shown in picture below). This visit gave the Teacher Academy students a chance to see firsthand what working in a daycare is all about. Some even took the opportunity to revisit their own childhood days. (Kendra riding a tricycle.)



Several Teacher Academy students competed in the Mississippi Future Educator's Association Leadership conference/competition in Jackson, MS on February 4-6. ACTC is extremely proud of their efforts and the way each represented ACTC and our school districts.



Winner in Public Speaking - 3<sup>rd</sup> Place - Destiny Haynie

Destiny qualified to compete at the National FEA competition in Washington, DC on April 23-26. We are so proud of Destiny and wish her all the best in DC.

# CONGRATULATIONS

Field Experience is one of the favorite parts of Teacher Academy. Students are given one on one time with students. This allows TA students to experience the challenges associated with all learning styles. Also, students experience just how easy it is to become fond of your students. Mentor teachers allow the TA students to teach mini lessons, work with individual students, and help with classroom organization.





## ***Polymer Science***

Submitted by: Stephanie Parsons, Polymer Science Instructor

**Spring Recruitment Tours** are always a good time to showcase our skills..

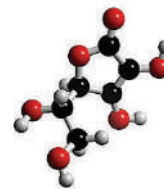
First and second year Polymer Science students were pleased to present lab demonstrations to visiting ninth grade students from Alcorn School District and Corinth School District. They don't realize how much skill they have until they perform these demonstrations. Touring students never fail to be interested and impressed with what goes on in Polymer Science!

Anthony and Kevin made slime, Catarina, Maria and Shyna cured Latex, Latonya and Anastasia made Nylon 6-10, Cameron and Jakob made Nylon as well, Aisha cast fast curing two-part resins, Dylan demonstrated the properties of thermoplastics, and Col demonstrated and made polyurethane foam. Visiting students took samples given to them by our demonstrators.



### **It's Not Easy Being Polymeric**

To grasp the complicated nature of the various forms polymer molecules take, we use the easiest route possible to learn about them... we use toy pop beads and make drawings!

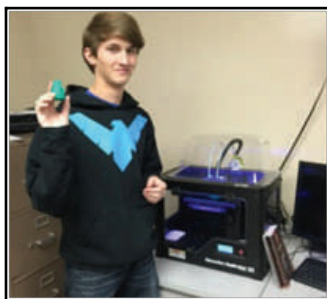
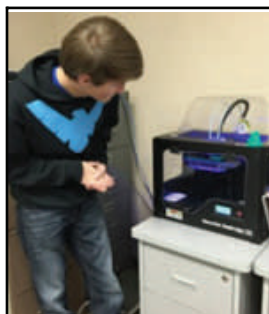


Pop beads are one of the easiest ways to study chemical compounds. It's fun, colorful and a great representation of how elements or monomers bond to one another. And, who doesn't like toys?

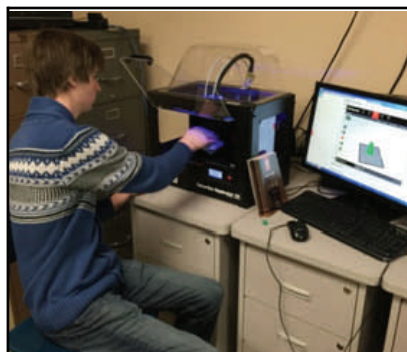


### The 3D Printer is a Hit

Out of all first year students perhaps Dylan Hammock has printed the highest number of objects. Eager to create objects that are useful and fun, Dylan has printed several Green Lantern rings, combs, and a Dalek model from the BBC *Doctor Who* television series. Career Pathway Experience and third year student John-Stuart has also taken some time to discover the 3D Printer coolness of the MakerBot Replicator.

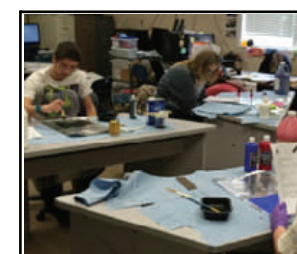
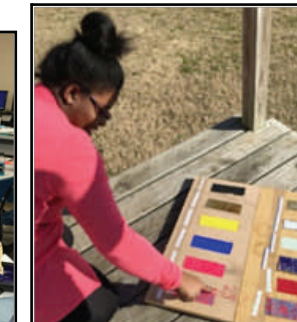
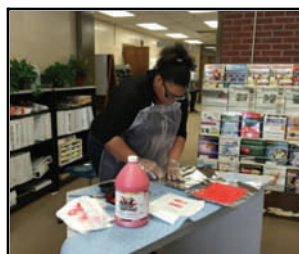


# 3D



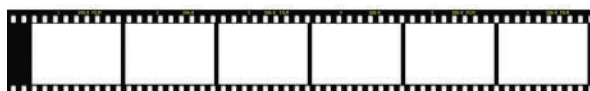
### What covers everything yet no one notices them? ...Surface Coatings of course...

Second year students started the New Year with a new set of investigations. The first set of tests takes two or more months of observations to complete, so we had to start immediately. Students prepared substrates and then coated them with coatings of their choice. Some chose wax, tempera paint, oil based paint, acrylic paint, nail polish, shellac and various spray paint coatings. The two month long test is the environmental exposures test. We made test panels and placed them outside two months ago. We have taken pictures of them, made observations and collected data. Students have learned more about surface coatings in their everyday lives than they could have ever imagined.



### Recycling Plastics by Density

This is a skill that takes practice. Fourth Block Polymer Science students showcased their skills for a recruitment video being developed by our awesome Digital Media class!





## ***ACTC Agriculture***

Submitted by: Dennis Deaton, Ag. Power & Machinery Instructor

### **Rain or Snow**

The Agriculture Programs at the Career Technical Center have been busy, this nine weeks, working on curriculum, projects and FFA activities. Whether raining or snowing our curriculum studies have come along well. Projects in the both the shop and greenhouse look good as well. Our FFA practice and participation would be a great highlight also.

The Ag. Power curriculum has been focused on advanced metal concepts and engine diagnostics this term. While Ag. & Natural Resources has been working through plant growth and greenhouse management. Students seem to better enjoy the curriculum when it is presented through hands-on learning.

The FFA further expands student learning opportunities through its Career Development Events or competitions. A few weeks ago the Career Center FFA Chapter competed in three skill contests including Tool Identification, Safe Tractor Driving and Welding. Benjamin Marshall, Bryan Smith, Logan Mitchell and Cortland Godwin made up the Tool ID team. The Tractor Driving participants were Chazz Bain and Greg Johnsey. The welding team was made up of Nick Crump, Jordan Crum, Sam Mitchell and Will Stewart. The welding team placed 2<sup>nd</sup> in the Federation competitions and is now in planning to participate at the district level. Much planning and preparation went into the highly anticipated trip to Jackson for the annual FFA Legislative Breakfast. The ACTC Delegation was to be Jordan Crum, Ashley Stutts, BreAnna Willis, Nick Crump and Benjamin Marshall. However, after all our preparation, the weather had other plans.

FFA Week is the first week in March, this year, with many activities going on across the county. The ACTC FFA Chapter took advantage of the opportunity last Saturday to help our local Tractor Supply store raise funds for student scholarships. The store collected donations as our members helped customers with their purchases. Many new relationships were developed and we look forward to other such activities through out the year. ACTC students participating in the event were Brett Calvary and Arion Morgan.

As spring comes and winter goes, our Agriculture programs will continue to develop and carry out many student learning activities. Just as the winter has brought lots of snow for snowball battles, we will enjoy the snowball effect of school's year end.

ACTC Tool Identification Team



ACTC Tractor Driving Team



ACTC Welding Team



**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.