

A Message From Your President, Rex Buckhaults



As the new school year begins, it is an honor to be serving as your MS ACTE President. I am a true believer in the values of Career and Technical Education. Career and Technical Education makes learning relevant and important to all individuals. One goal for CTE is to place individual students into the workforce so they can achieve success in life.

CTE gives high school students the opportunities to get a head start on preparing for a career and/or college. In our CTE programs, our students learn how school subjects like math, science, and writing are used in real-life experiences. Career and Technical Education helps them to gain necessary key skills that will allow them to get a job after graduation or be able to help support themselves as they continue on with higher education. CTE does everything from increasing high school graduation rates to boosting the overall U.S. economy. I feel it is our job as Career and Technical Educators to teach our students to become good, responsible tax paying citizens. I also believe that there is a great need for compassionate, strong, and dedicated individuals who are excited about teaching these skills to our students.

I would like to take a moment to challenge each of you to recruit new members for MS ACTE. I would also like to challenge all Administrators to encourage their faculty and staff to become members of this great organization.

We had a great summer conference this year and I would like to thank everyone that was involved in planning and conducting the MS ACTE/MDE Summer Conference. It was a job well done and I am already looking forward to next year's conference.

Remember, after all, "It's a sorry dog that won't bark in its own yard." So let's tell everybody how Career and Technical Education is preparing our students for the future.

So share your success stories with your school board members, administrators, business and industry contacts, community leaders, parents, fellow teachers and future students. Also feel free to forward the electronic Reporter to those who may not be aware of the benefits that Career and Technical Education Programs offer our students.

Please feel free to contact me with any ideas or suggestions you may have on how to make our association the best it can be. I hope all of you have a great year!



Greetings From the MS ACTE Office

It is hard to believe that the first nine weeks of the new school year is over!

Thanks to all of you who attended the summer conference. We had a great turnout and hopefully you are able to use information provided in your classroom settings. Next year's conference is scheduled for July 24-26, 2019. We will be at the Jackson Convention Complex again.

Your district presidents are planning their fall dinner meetings. You will receive an invitation from your president by email listing the date, location, and time in advance of the meetings. Please make every effort to attend. Your presidents work hard to provide informative speakers to present you with ideas that will be helpful to you. I would encourage you to

invite co-workers who are not current members from your center to attend with you. This would be a great tool for recruiting new members.

I would like to say a special thanks to all centers who were recognized as Achieve 100 Percent winners for the 2017-18 school year. There is a listing of winners in this issue. In order to be named to this prestigious category, all teaching and administrative personnel must be paid members of ACTE by November 30.

The national conference, VISION 2018, will be held in San Antonio, Texas, November 28-December 1. The ACTE Region IV Conference will be in Oklahoma City, Oklahoma, April 14-16, 2019.

Mississippi has a great wealth of talent, which can be recognized through students, teaching staff, administrators, and community service awards. I encourage you to nominate people from your centers for the awards provided by MS ACTE, Region IV, and the national organization. You can go to our website, mississippiacte.com, and click on the Awards section to find the forms for each of the various categories.

Thank you for your continued dedication to being a positive influence on our students! If I can be of assistance to you, please contact me.

Soft Skills - Vicksburg Warren School District

Submitted by: Terence A. James, PhD

The Vicksburg Warren School District provides opportunities for students to gain hands-on experience in a variety of career and technical programs. Students are able to be equipped with technical skills for their chosen career paths. In addition, these students are taught soft skills, work ready skills or 21st century skills to add to their repertoire. Students are taught skills such as collaboration, problem solving, conflict resolution and interviewing skills to help prepare them to be productive workers in their chosen careers. These are valuable skills to obtain as industry representatives say that 21st century skills are a must for employees to maintain employability. The workforce has positions available, but far too many individuals lack the interpersonal skills to sustain positions. With soft skills being taught at VWSD Career and Technical Center, these students will be equipped with the knowledge and skills to be viable candidates for employment. Mrs. Kayla Kivett, Mrs. JoAnn Oliver, Mrs. Melissa Smith, and Mrs. Kimberly Vaughn are the Student Services Coordinators who provide soft skills training to students at the VWSD CTC. For more information about soft skills, please contact us at VWSD CTC.



Mrs. Kimberly Vaughn provides soft skills training to Mr. Lilley's Culinary Arts students.

Automotive and Agriculture students participate in a soft skills activity in enthusiasm and attitude in the workplace facilitated by Mrs. JoAnn Oliver.



First Year of Biomedical III

Submitted by: Melissa W. Smith

The Vicksburg-Warren School District Career and Technical Center located on the campus of Hinds Community College Vicksburg-Warren Branch is one of the first centers in the state of Mississippi to offer the Project Lead the Way Biomedical III course. Zachary Moore and Angel Rhodes are the two students who are enrolled in the Biomedical III program. Project Lead the Way Biomedical II and III are currently taught by Ms. Lesley Magee. The Biomedical program was first incorporated in the Career Technical Program during the 2015-2016 school year.

During the third year of Biomedical III, students will implement the previous two years instruction in Biomedical I and II. During Biomedical I students learn skills in Biology along with an introduction to the human body and how it maintains homeostasis. The second year of Biomedical explores all of the human body systems. Lastly, during Biomedical III the students will learn about medical interventions and how to improve human life.

The two Biomedical III students were awarded their white coat as a sign of dedication to the program, as well as mastering the skills in the program. The white coat ceremony allowed the students to associate all three Biomedical classes together. The students were given their white coats before the last part of Biomedical III which is career exploration. During the career exploration part of the course students were able to explore different health careers through real life experiences.

Students who enrolled in Biomedical III participated in internships with local healthcare professionals. The students were able to shadow a dentist, nurse, an internalist wound care specialist, and a pediatrician. Their internship journey was documented by the students through a journal. At the end of the semester, the students will present their experience through their presentations to their instructors, school district staff, healthcare providers, peers, and their families.

The ultimate goal of Project Lead the Way Biomedical III is giving students an up close picture of the careers that are associated with the human body. The instructor Ms. Lesley Magee insured that the students were exposed to all of the human body systems during their internships. During the internships students were able to tie in what they had learned within the classroom to what they were able to observe during their internships. Students were also able to observe the health care providers using their problem solving and critical thinking skills to conquer everyday issues in patients.

As one of the first Biomedical III programs in the state of Mississippi, the VWSD CTE program will continue to grow students' knowledge of careers and training for the human body. After each presentation, Zachary and Angel encouraged the Biomedical II students to enroll in the course to give them a stronger background on the human body. The students expressed that enrolling in Biomedical III gave them a clearer view of some of the different professions associated with the course. The VWSD CTE center will continue to build on the strong foundation that these students built with Project Lead the Way Biomedical program.



*Pictured: Left to Right
Mrs. Sylvia Lamb, Biomedical I Instructor; Zachary Moore, Biomedical III student; Angel Rhodes, Biomedical III student; Ms. Lesley Magee, Biomedical II & III*

VWSD CTE Holds First CTE Awards Night

Submitted by: Kayla Kivett

On Monday, May 21, 2108, the Vicksburg Warren School District Career and Technical Center welcomed over two hundred guests to their first annual CTE awards program. The program was held at Beechwood Elementary School where CTE students of 2017 and 2018 were presented with certificates to highlight their achievements.

Many students were also awarded additional acknowledgements. Nine students were awarded the distinguished honor of Mississippi Scholars Tech Master along with being named Mississippi Scholar from their respective high schools. The names of these honorary students are Jon Bantugan, Jonathan Boyd, Joshua Brandon, Janice Dixon, Kyler Farrar, Aniya Goodman, Valina Thuha, Grayson Shealy and George Wilkerson. Along with this recognition, the students were awarded a one hundred dollar book scholarship. Valina Thuha, a Vicksburg High School senior, also received the Student Services Scholarship of two hundred and fifty dollars.

Project Lead the Way Engineering and Biomedical I, II and III handed out stoles and cords to those seniors who were first year or two year completers.

The CTE faculty and staff presented students with their distinguished awards. Dr. Terence James, VWSD CTE Administrator, concluded the night program with thanking the students, the parents and the community for their support of the CTE Center and its programs and staff.



Vicksburg-Warren CTE Students Place 3rd in the MDOT Bridge Competition

Submitted by: Kimberly Vaughn

Students at the Vicksburg-Warren Career and Technical Center in the PLTW Engineering program participated in the 2018 TRAC Bridge Building challenge sponsored by the Mississippi Department of Transportation. The competition challenged students to work collaborative with teammates to construct a bridge using specific materials (balsa wood, wood glue, and string) along with strict guidelines as provided by MDOT. This event is designed to allow students the opportunity to develop a Truss Through Tied Arch that will be tested for strength-to-weight ratio.

Teams competed against other MS student teams from across the state. Each team had to submit a portfolio detailing their bridge design. Vicksburg Warren had a total of five groups who qualified for the competition. Four of the teams preceded to compete in Pearl, MS at the Clyde Muse Center of Hinds.

On the day of the competition, each team presented their bridge design along with a power point presentation to a panel of judges made up of MDOT engineers. One of our teams placed third in the 11th – 12th division winning \$150. The Engineering students enjoyed themselves immensely and are already looking forward to competing again next year.

Placing 3rd Place in the 11th-12th Division of MDOT TRAC Competition were Vicksburg Warren CTE students William Day, Joshua Brandon, and Timothy Brown with their Self-Anchored Bridge Design.



Hancock County Educators Rising Member Rises to the Top at National Conference

Submitted by: Joan Seals

Jolene Rester, a Teacher Academy student at Hancock Career Technical Center and a member of Hancock County Educators Rising, recently attended the 2018 Educators Rising National Conference in Orlando, Florida. The purpose of this competition is to learn more about education administration career through job shadowing and interviewing a current education administrator. Jolene shadowed Mrs. Tara Ladner, principal of Hancock High School, in her job and interviewed her. Prior to competition, documentation of her experience was submitted. At the conference, Ms. Rester presented a presentation about her experience and was questioned by a panel of judges. Jolene won 3rd place in the competition and was the only student in Mississippi to place in the top 3 out of all the competitions.



Pictured left to right: Jolene Rester, Kelly McKnight, Teacher Academy instructor and Hancock County Educators Rising sponsor, and Edwin Merwin. Edwin is a member of Hancock County Educators Rising and competed in Impromptu Speaking.



Jolene Rester, Teacher Academy Student at Hancock Career Technical Center was awarded 3rd place at the 2018 Educators Rising National Conference.

Hydrodipping Experiment

Submitted by: Wayne Pittman

Polymer Science 2 students participated in a hydrodipping lab. After experimenting with the technique, they created custom coatings for phone cases, water bottles, and fidget spinners among other products.



Henry Ford’s Innovation Nation Teacher Innovator Award Winner

Submitted by: Rhonda Brewer

Teresa Sappington, of Lamar County Center for Technical Education, was one of ten teachers in the nation who were selected as Grand Prize winners for “The Henry Ford’s Innovation Nation Teacher Innovator Awards.” In conjunction with the Emmy-winning television show The Henry Ford’s Innovation Nation on the CBS Saturday morning block, the awards recognize the educators who are using the classroom to inspire innovation, creativity,



problem solving and critical thinking among their students.

The winners were selected by judges, including Innovation Nation co-host Albert Lawrence, who chose teachers who demonstrated the habits of an innovator. Teachers who inspired their students to challenge the rules and take risks demonstrated how to be collaborative and empathetic, and taught the value of learning from failure and staying curious.

Grand prize winners received a week long “Innovation Immersion Experience” this summer at The Henry Ford in Dearborn, Michigan. The experience included roundtrip airfare, accommodations, behind-the-scenes tours with curators and archivists, a teaching innovation workshop, and a special recognition ceremony.

Mrs. Sappington reports that her experience at The Henry Ford in Dearborn, Michigan, was exceptional and she was amazed at the programs and exhibits available there. The Henry Ford is an internationally-recognized history destination that

explores the American experience of innovation, resourcefulness and ingenuity that helped shape America. A national historic landmark with an unparalleled Archive of American Innovation, The Henry Ford is a force for sparking curiosity and inspiring tomorrow’s innovators. Nearly 1.8 million visitors annually experience its five attractions: Henry Ford Museum of American Innovation, Greenfield Village, Ford Rouge Factory Tour, Benson Ford Research Center and The Henry Ford Giant Screen Experience. A continually expanding array of content available online provides anytime, anywhere access.

In 2014, The Henry Ford premiered its first-ever national television series, The Henry Ford’s Innovation Nation, showcasing present-day change-makers and The Henry Ford’s artifacts and unique visitor experiences. Hosted by news correspondent and humorist, Mo Rocca, this Emmy®-winning weekly half-hour show airs Saturday mornings on CBS. For more information please visit the website thehenryford.org.

Petal High School CTE Center

Submitted by: Wayne Pittman

Law and Public Safety students under the direction of Officer Jamie Sheffield conducted an “Active Shooter” demonstration for our Teacher Academy classes.



LCSD “Parents As Teachers” Visit Teacher Academy

Submitted by: Rhonda Brewer

Lamar County School District’s “Parents as Teachers” (PAT) met with Year 1 Teacher Academy students at the Lamar County Center for Technical Education and explained the services they provide. PAT is a parent education and support program offered by LCSD to residents of Lamar County with children under the age of 5. The program offers prenatal and child development information designed to empower parents to be their child’s first and best teacher. Services provided by PAT include monthly Home Visits tailored to a child’s age and development, Group Connections that offer peer support and interaction with other parents, Screenings & Community Referrals that assess a child’s overall development and connect parents with local services, and a Parent Resource Center containing child development materials available for check-out.

In their visit with Teacher Academy students, the representatives from PAT discussed developmental milestones from birth to three and demonstrated a developmental milestone assessment they do with children in the district. During the assessment, Teacher Academy students were able to watch as PAT educators interacted with an 18-month-old to assess cognitive, social/emotional, and motor skills. Milestone checklists were explained and Teacher Academy students had the opportunity to discuss which milestones were observed using their own checklists.

The Teacher Academy Program at Lamar County Center for Technical Education is currently offered to 10th-11th grade students who have an interest in exploring a career in education. The program provides over 100 hours of observations and field experience options in various grade levels and academic settings. For more information, please contact the Lamar County Center for Technical Education at 601-794-8298 or email the instructor at julie.viguerie@lamarcounty-schools.org. For more information about the Parents as Teachers program, call 601-794-5982.



National Certifications

Submitted by: Maria Montgomery

The Tippah Career and Technology Center is proud of our students and their accomplishments regarding national certifications this past year. We had 3 students who secured their ASE student national certification, 7 welding through NCCER certification, 1 construction carpentry certification

through NCCER, and 9 students who secured their COMPTIA certification.

Mr. Elliott said, “CTE has become very important to the local school districts, due in part to the National Certifications that students achieve helping on the overall district accountability model set forth by MDE. We are very excited about the TCTC not only

helping students achieve their desired goals but also in the fact that we are able to help the local high schools in achieving their end of the year accountability ratings. This is a win-win situation for all involved. The teachers at the TCTC understand this and strive to help in the overall achievement of these national certifications.”

Kosciusko-Attala Career Tech Center Students Receiving Soft Skill Workforce Training

Submitted by: Tracy Burnley

The Mississippi Development Authority (MDA) and Attala County Aspire Mississippi team have partnered with the Kosciusko-Attala Career Technical Center to provide a Soft Skills workforce training program to students.

The Attala County Aspire MS team is a diverse group of individuals from the area who were part of the MDA program to put together a project that would impact the community for the long term. The team worked through sessions to develop a workforce soft skills program called #It'sWorthIt. The team's members include: Taylor Casey (MS State Extension Service), Darren Milner (KAP Director), Justin Develin (Renasant Bank), Amy Terrell (Kosciusko School District), Lauren Moore (Entergy), Allison Tyler (American Cancer Association), Curtis Turnbo (Ivey Mechanical) and Steven Goss (Supervisor).

The Aspire MS team will teach a seven week course to help students understand the importance of soft skills like Communication, Enthusiasm, Attitude, Teamwork, Networking, Critical Thinking, Problem Solving and Professionalism. "Soft skills are traits that are normally overlooked by individuals, but are highly sought after by employers. Most businesses see them as transferable skills making the individual very unique and more adaptable in today's work environment," says Darren Milner, Executive Director of the Kosciusko Attala Partnership.



The Career Technical Center will have upwards of 50 students from both city and county schools that will attend each class throughout the fall semester. The class will be interactive with student participation, videos, activities and prizes.

Darren Milner, KAP Director, with CTC students Jamal Burroughs, Cole McLean, and Alexis Brooks



Simpson County Technical Center Features Their Polymer Science Program

Submitted by: Joe Ann Floyd

Former Instructor, Dr. Dave Nicholas, of the Polymer Science Program students received the highest CPAS score in the state for the 2017-18 school year.

Featured below, is NBCT Instructor Crystal Smith, assisting students during a lab assignment who brings a wealth of expertise to continue the outstanding reputation of this department.



John Bailey Britt

Submitted by: Amy Price

John Bailey Britt graduated from Kosciusko High School in May of 2018. During his high school years, he was in the Health Science programs at the Kosciusko/Attala CTC. Bailey was an active member of HOSA for three years and competed at the District, State, and International level all three years in the program. During his Senior year, he was very honored to receive several scholarships as a result of his deep involvement in Career Tech and outstanding achievements. Bailey attended the 2018 MSACTE Summer Conference in Jackson, MS where he was presented with these awards. The scholarships that he received are as follows: MASCTA Directors \$500.00 Scholarship, HSTE-Health Science Technical Educators \$500.00 Scholarship, and the 2018 MSACTE Outstanding Student of the Year \$500.00 Scholarship. All of the

staff at the Kosciusko/Attala CTC are very proud of Bailey and how well he has represented our center as well as our state over these past three years!



*Pictured are the following people:
Bailey Britt, Health Science Student and Scholarship Recipient
Amy Price, Health Science Instructor
Tony Holder, Kosciusko/Attala CTC Director
Rex Buckhaults, MSACTE President
Gina Riggs, ACTE Past President
John Grady Taylor, MASCTA President
Linda Bath, MSACTE Executive Director*



Itawamba Career and Technical Center

Submitted by: Kerri Collier

ICTC Health Sciences held their bi-annual blood drive on September 5, 2018. With the combination of students and staff we were able to collect 24 donations. The donations we received have the potential to save up to 72 lives. The blood drive is held in our lab classroom and the Health Science students assist with the fast track tickets to ensure no wait time to allow for more donations. Our goal next drive is to collect 30 units and this event will be held in March.



Simpson County Technical Center FFA Shines at State Competition

Submitted by: Joe Ann Floyd



The Simpson County Technical Center FFA had an outstanding performance at state competition held at Mississippi State University during the first week of June. Those who attended state convention were (seated from left to right): Josie Russell, Gracie Ellzy, Maggie Jordan, Hunter Joe Stuart, Jared Howington, Ethan Wallace, Eli Thomas, Lauren Sullivan, Kaitlyn Taylor, and Sara Peets. Standing: Ms. Patti Braddock, FFA Advisor. Jared Howington, Kaitlyn Taylor, Joshua Freels, and Josie Russell were awarded their state FFA degrees while at state convention.



The Simpson County Technical Center FFA Opening and Closing Team won 1st place at state convention held recently at Mississippi State University. The Opening and Closing Team members are (left to right): Josie Russell, Gracie Ellzy, Maggie Jordan, FFA Advisor: Ms. Patti Braddock, Ethan Wallace, Lauren Sullivan, Kaitlyn Taylor, and Sara Peets.

Josie Russell, FFA President for the Simpson County Technical Center FFA chapter, recently attended the state FFA convention at Mississippi State University. Josie was awarded the Star Agribusiness award for her District allowing her to compete at state competition where she was awarded the state Star Agribusiness award.



Mr. and Miss CTE for Vicksburg High School and Warren Central High School

Submitted by: Melissa Smith

Vicksburg Warren School District Career and Technical Center at Vicksburg Warren Campus of Hinds Community College proudly announces their Mr. and Miss CTE for Vicksburg High School and Warren Central High School for the 2018-2019 school year. To qualify for Mr. and Miss CTE, the student must be a second or third year CTE student. Other qualifications for this honor include submitting a recommendation from their CTE instructor, have an overall grade point of 2.5, submit a petition of signatures from fifty peers, and possess an exemplary discipline record. The second and third year students vote on the candidates based on the high school they attend. Mr. CTE 2018-2019 for Vicksburg High School is Reginald Johnson, and he is a senior in Health Science II. Miss CTE 2018-2019 for Vicksburg High School is Kayla Burnham, and she is a junior in Health Science II. Mr. CTE for Warren Central High School is Ke'Darious Jackson, and he is a senior in Engineering II. Miss CTE for Warren Central High School is Antonica Jefferies, and she is a junior in Health Science II. The students represented CTE in their respective high school homecoming parade. Each one of these students will serve as an ambassador for the Vicksburg Warren School District Career and Technical Center for the 2018-2019 school year.

Celebrity Chef Visits LCSD Culinary Students

Submitted by: Rhonda Brewer

Culinary students from Oak Grove High School, Purvis High School, and Sumrall High School were treated to cooking demonstration from Chef Nick Wallace on Friday, August 31. Chef Nick Wallace is an accomplished chef from Mississippi who has twice been named as Best Chef America (2013 and 2017). In October 2017, Chef Wallace also won the Food Network Chopped: Alton Brown Challenge. Chef Wallace was born and raised in Edwards, Mississippi, but currently is based in Jackson, Mississippi, with his team Nick Wallace Culinary (NWC). The cooking demonstration was held at Oak Grove High School's Culinary Arts classroom and gave Chef Wallace the opportunity to share his experiences as well as advice about careers in the food industry. He encouraged the students to strengthen their math skills and also cautioned them about the dangerous prevalence of alcohol and drug abuse in the food industry culture. The Culinary Arts programs at Oak Grove High School and Sumrall High School are two-year Career and Technical Education (CTE) programs that use National Restaurant Association (NRA) objectives including classroom and hands-on experiences that will prepare students for employment or continuing education in the foodservice industry.



Not One...But Two

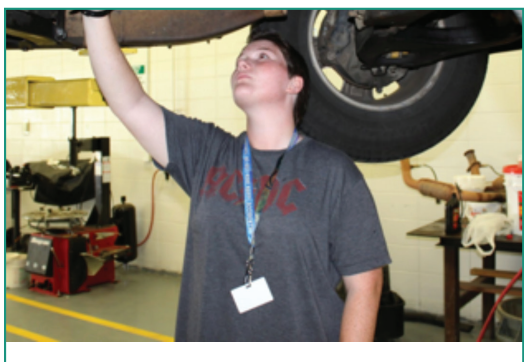


Submitted by: Jo Ann Oliver Warren Central senior Sara-Beth McKellar will be a two-year completer at the end of her high school career in not one, but two Career and Technical courses at the Vicksburg-Warren Career and Technical Center.

Completing Biomedical I last year, Sara-Beth is currently enrolled in Biomedical II. She chose this course because she is thinking of pursuing a medical field. In Biomedical I and II students explore the different medical fields, educational requirements and salaries through career journals. Sara-Beth said that learning about all the different medical fields has created some options for her to think about as a career. Her favorite part of the class is all the hands-on activities and labs.

Sara-Beth said, "I have enjoyed learning how to use all the equipment that I wouldn't use in a regular classroom such as rebuilding a manikin from the inside out with modeling clay." Students build the human body's organs, muscles, tissue and skin as they learn about each one.

Seizing the opportunity to take an Automotive class where she is considered to be a nontraditional student because she is a female, Sara-Beth said that she took Automotive class because she is interested in old cars and wants to know how to take care of them. She has especially enjoyed all the transmission work that they have done in class. Most importantly, she wants to be able to work on her own car.



Sara-Beth said, "I don't like to rely on other people. With this class, I learned skills, so I can take care of myself." Recently, she helped a classmate change his tire which she said felt really good to be able to help someone. When asked to describe what was it like in a classroom of boys, Sara-Beth said that she wasn't treated differently, and she really enjoys the joking and laughing as they work together.

Since Sara-Beth is a completer (someone who completes both years of a program), she will be eligible for scholarships in the spring of her senior year. A student who completes two years of Automotive receives 12 hours of dual credit through Hinds Community College.

Achieve 100 Percent Award Winners

Each year the national and state office recognizes centers that have 100 percent membership in ACTE by November 30. These schools must have all their teaching staff, administrative staff, and counselors pay their dues prior to November 30. The names of these centers are posted on the national website and published in The Techniques magazine. MS ACTE also presents each center with a framed certificate to be displayed at their school and publishes a list of winners in our state newsletter. The winners of the Achieve 100% Award this year are:

Amite County Vo-Tech
David Williams, Jr. Career and Technical Center
Hancock County Career Technical Center
Lamar County Center for Technical Education
Madison Career and Technical Center
Newton Career Center
Lawrence County Career Technical Center
Millsaps Career and Technology Center
Petal High School Career and Technical Education
Choctaw County Career and Technology Center
Forrest County Agricultural High School
Forest-Scott County Career and Technical Center
Hinds Community College Pearl-Rankin Career and Technical Center
Hinds Community College Vicksburg-Warren Campus
Kosciusko/Attala Career Technical Center
South Panola High School
Newton County Career and Technical Center

