



Cleveland CTE NEWSLETTER

November 11, 2019



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News

★Secretary's Corner

This school term is really flying by. It is about to be November already. This month we celebrated School Custodian Appreciation Day, Boss Appreciation Day, and Bus Driver Appreciation Week. I also sent invitations out about our Advisory Meeting that will be held November 12, 2019 at 5:30-6:30. I look forward to planning that event. Hope to see you there.

★Health Science

Healthcare and Clinical Services (Year 2)has begun clinical job shadowing at North Sunflower Medical Center. The students will rotate through various careers this year. Allowing the student to see what careers are available at the hospital.

Healthcare and Clinical Services is participating in the Junior Master Wellness Program through the Bolivar County Extension office. This allows our students to learn about various health issues and share their knowledge with the community.

Health Science Core had the opportunity to attend the health fair at CCMS. It was a great opportunity to visit with healthcare personnel and learn about their careers. They are also beginning to participate in weekly classroom labs. They are excited to have the opportunity to have hands on experience with the mannequins donated by DSU College of Nursing.

Health Science would like to take this opportunity to thank North Sunflower Medical Center and DSU College of Nursing!!

★Construction

The Construction Core instructional program provides a foundation of knowledge to prepare students for employment or continued education in several occupations related to the construction industry. The curriculum framework for this program was developed in partnership with the Mississippi Construction Education Foundation (MCEF). MCEF is the accredited sponsor for the National Center for Construction Education and Research (NCCER).

When developing this curriculum, the authors

★Student Services SOUND OFF!



Mrs. Jackson, SSC

We hit the ground running in Student Services and the best is yet to come! As always, I want students to be READY for college, a career and any other thing that life has to offer, so we've planned a myriad of services to help get them there. This year, students have been looking more in depth at who they are, where they want to be, and creating a plan to get there. Here's what we've been up to:

Students have come into the lab and began completing personal profiles to help them on their college and career journey.

Over 60 CCDTC students took the ACT for free through our partnership with DEOC. During signup students were also able to signup for the ACT Scholarship Award for \$5000.

Director's News

Hello to all of our friends and family of CTE. This year is flying by fast! This is a time for us to share all of the good things that are going on in our CTE programs and with the students of Cleveland School District. This is an avenue used to keep parents, business and industry representatives, and community members abreast of the career opportunities that are available to our students. Our students are proud to be a part of career and technical education. Career and Technical students are able to thrive and strive in the real-world because of the skills they obtain during their years in CTE.

We are working to put some new initiatives in place because investing in CTE yields big returns for state economies.

Benefits of CTE:

1. Students are more likely to graduate.
2. Students develop employability skills.
3. Students achieve in other subjects.
4. Students gain job-specific skills related to a specific career pathway.

Therefore, being able to provide for themselves and their families. Isn't that what we want for all children?

This years Mr and Miss CCDTC competition was tough! There was a wonderful group of applicants and we would have been proud to have any of them. The 2019-2020 Mr. and Miss CCDTC is John Delahoussey and Jessica Ramirez. John is a Carpentry/Construction completer and is currently the Career Pathways program. Jessica is a second year student in the Business Fundamentals and Management program.

Seniors have been coming in to Student Services signing up for FAFSA. Students learn what FAFSA is and how to determine how much funds will be needed in excess of what is being awarded in free federal aid.

Juniors and Seniors recently came in to Student Services for College Application Day. Students took advantage of free application day and applied to Delta State University. This can be used for both dual enrollment and after graduation.

Second Year students attended the annual Bennie Thompson College and Career Fair in Greenville. Students had a chance to talk to recruiters from colleges both in state and out of state. They also were able to get first hand information on present and future opportunities in companies such as Amazon, Boeing, Dollar General, Toyota, the USDA, and all branches of the military.

This week students toured Nissan North America at Canton. Students were able to see the inner workings of Nissan in every area from assembly to banking.

★Counselor's Corner

Hello, I am Alyson Jones and this is my first year at the Cleveland Career Development & Technology Center. So far things have been going great as we are close to ending up the first semester of classes. I had the great opportunity to take several students to Coahoma Community College for a College Preview Day. The students had the opportunity to have hands on participation in each of the college's trade and/or vocations. I look forward to working with all the students at the CCDTC and helping them in their academic and future career journey.

Mississippi Works Magazine

8th, 9th, 11th, and 12th grade students received a copy of Mississippi Works. This publication is a comprehensive resource guide full of information about careers in the manufacturing, energy, agriculture, transportation, construction, health care and information technology! It also includes lists of community colleges and training programs that are available here in the state. Please take a minute to check out the [digital editions](#) of these publications. Also, ask your child what they thought about this magazine. This is a great time to



Senate Bill 2447 "Beginning in the fiscal year 2019-2020 and subject to available funding, the Department of Education shall pay a career and technical education incentive grant to the public school for each student enrolled in the public school who earns a qualifying industry certification. The amount per student for the career and technical education incentive grant shall be Six Hundred Dollars (\$600.00). If the statewide sum of the career and technical education incentive grants awarded pursuant to this section exceeds the amount of available funds appropriated for the grants, the grants per student shall be reduced proportionately to cover all eligible grants under this section. The grants may be used for qualifying industry certification examination fees, professional development for teachers in career and technical education programs under this section, student instructional support for programs that lead to qualifying industry certifications, or to increase access to qualifying industry certifications. Any grants awarded under this section may not be used to supplant funds provided for the basic operation of the career and technical education programs."

Comprehensive Needs Assessments

- o Required of each district every two years
 - o Determines new programs and program conversions
 - o Aligns CTE programs with local and state workforce data
 - o Completed regionally by workforce areas with secondary, postsecondary, and business and industry representatives.
 - o Utilized by school districts and community colleges to complete the local needs assessment and local plan update
- Curriculum Updates:
- *Career Pathway Experience* will be *Work-based Learning* beginning SY 2020-2021
CPE instructors will be Work-based learning Coordinators
 - Business Fundamentals will become Business Finance Marketing and Management I and II (BFM I and II) beginning SY 2020-2021; the first-year student will have the opportunity to phase out their program as they have previously; there will be new endorsement codes and new course codes. MDE will have training and resources to support the changes.
 - SY 2020-2021, there will no longer be Tech Foundations, ICT I and II, nor Career Exploration. The new endorsement and new course codes will be Cyber Foundations I and II
 - STEM Application 2019 has an engineering design section that should have been in effect for SY 2019-2020, but MDE is

recognized the importance of incorporating differentiated instruction and the needs of the 21st-century learners. Therefore, teaching strategies include a blend of online and face-to-face instruction that aligns with NCCER Connect ebooks, online lectures, video presentations, online quizzes, active figures, and Spanish content. Students will have access to this information to learn new content, as well as to review, reinforce, and revise their work.

★Family & Consumer Science

During the 1st term, our students completed the Family Dynamics course and Child Development course. In Family Dynamics, we explored the areas of personality development, decision making skills, looking for a great partner, dating, STDs, and planning a wedding.

In Child Development, we explored the prenatal development period, nine stages of pregnancy, child birth, preparation of the newborn, and taking care of the new born baby.

We cleaned baby clothes and separated them into sizes to donate to a charity/foundation at a later date in the semester.

★Law & Public Safety

Career Expectations has been an interesting topic in law and public safety. It sets the foundation for further growth and development as students work toward completing the program. We have discussed everything from leadership qualities, professionalism, morals, ethics, values, to respecting diversity. These are great factors in any field but dear to law and public safety, oftentimes staff are required to work under pressure or work in dangerous conditions.

Students took part in a presentation from Agent Joseph Chillis with Mississippi Department of Corrections. During the presentation Agent Chillis stressed the importance of ethics, morals, and values. He provided students with literature for inspirational purposes. He reiterated the importance of building a good professional relationship with others, the importance of reporting and documentation. Also provided topic on how to avoid moral dilemmas that will cause you your career.

★Information Technology

Year 2 students are working with a program sponsored by Amazon called Edhesive. This is an interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. Not only will this semester or year long course prepare students for AP Computer Science, but it will teach students how to think computationally and solve complex problems, skills that are important for every student.



Year 1 students are using code.org. This course

ask them what careers they think they might want to consider, what training those careers require and how to pay for that training.”



★Cyber Foundations I



Cyber Foundations I, formerly known as ICT I, is an innovative instructional program that prepares students to effectively use technology in the learning, communication, and life. Students in Cyber Foundations I complete study in interpersonal and self-directional skills, basic technology, keyboarding, technology communication tools, technology resource tools, multimedia presentation applications, word processing applications, spreadsheet and financial literacy, and games and animation.

★Cyber Foundations II

Cyber Foundations II, formerly known as ICT II, is an innovative instructional program that prepares individuals to effectively use technology in learning, communication, and life skills. Students will complete a research-based program of study that includes:

- Interpersonal and self-directional skills
- Intermediate technology operation and technology concepts. Social, ethical, and human issues in technology
- Technology communication and research tools
- Spreadsheet applications
- Database applications
- Keyboarding
- Career Exploration
- Coding
- Robotics

allowing the old STEM curriculum for this year only. SY 2020-2021, the new STEM curriculum will be mandatory.

- MS State Board of Education Approves Computer Science Endorsements



Bayer Corp representatives came and spent the day with our students discussing corn pollination and the opportunities that they have at Bayer for high school students. They discussed Agriculture Careers and the 11 traits of successful people.

★Engineering and Business/Management



The students enrolled in Engineering, Business Fundamentals and Management definitely gained valuable insights into Atmos Energy Corporation and existing careers right here in “the Heart of the Mississippi Delta!”

Mr. Todd Fuller, Operation Supervisor, also shared an extremely informative and incredibly enlightening Microsoft Excel visual about investing and planning for retirement.

Thank you Mr. Fuller for sharing, “How to Become a Millionaire” while remaining in the Mississippi Delta. More specifically, we appreciate you for highlighting the many career opportunities in the Cleveland area that lend themselves to building personal finances to a “six-figure” gross annual salary and increasing self-worth through unrelenting investment and early retirement planning. Students in Engineering class put together the VEX claw robot. New technologies have emerged and replacing humans, some in dangerous professions such as in Policing and detonating suspicious device. This project allows students to design, prototype and test the claw robot while exploring topics related to computer, electrical and mechanical engineering professions.

introduces students to the foundation concepts of computer science and challenges them to explore how computing and technology can impact the world. The AP Program designed AP Computer Science Principles with the goal of creating leaders in computer science fields and attracting and engaging those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.

★Early Childhood

During the first nine weeks, the Early Childhood students were introduced to professional and leadership skills. They learned that Early Childhood is a Human Science course founded in the field of Family and Consumer Sciences. Early Childhood 1 students primarily focused on Unit 2: Health and Safety, FCCLA, technology, career portfolio, and child development. The Early Childhood 2 students reviewed various careers and leadership skills. They have learned about providing a quality learning environment at the daycares and head start and participating in the Junior Master Wellness Organization sponsored by Mississippi State Extension of Bolivar County.

The students gained CPR and AED experience through the American Heart Association. They received high quality training that will help them respond quickly in the event of an emergency. Learning and performing life saving techniques makes our students marketable in the Early Childhood industry.



★Business and Management

The students enrolled in Business Fundamentals and Management congratulate the following students for their accomplishments in being recognized in the program as “Future World Changer” -- Jessica Ramirez, Terraneshia Mayhall, and Destinee Williams. These business students exemplify performance, attendance and punctuality, attitude, citizenship, cooperation, effort and leadership.

★FBLA

Future Business Leaders of America-Phi Beta Lambda, Inc. (FBLA-PBL) is the largest career student business organization in the world. Each year, FBLA-PBL helps over 230,000 members prepare for careers in business.

FBLA-PBL inspires and prepares students to become community-minded business leaders in a global society through relevant career preparation and

The Cyber Foundations curriculum framework is built upon 21st Century Skills standards and the National Educational Technology Standards for Students. Career Pathways and Mississippi Department of Education Subject Area Testing benchmarks are integrated throughout the competencies, objectives, and suggested teaching and assessment strategies. Upon the successful completion of this program, students will be prepared to complete the IC3 Computer Literacy exam and meet the eighth-grade computer literacy requirements.

★Automotive Technology

The Automotive Service Technician pathway includes classroom and hands-on experiences that Prepare students for continuing education or employment in the auto service industry. This program was written to incorporate the National Institute for Automotive Service Excellence (ASE) learning objectives/content and hours. Students who complete this program are encouraged to take the Maintenance and Light Repair (MLR) ASE exams. The MLR is a national certification program recognized throughout the automotive service industry.

★Career Pathway Experience

College or Career Ready students is the goal of Career Pathway Experience (CPE) at the Cleveland Career Center. Career interests and future ambitions combined with clearly defined career objectives will have a major impact on our students' future success. CPE students have begun creating a Career Portfolio in an effort to showcase their strengths as it relates to their clearly defined career objective. The Career Portfolio is a work in progress project that began at the beginning of the school year with a career interest research paper and will climax with a Career Portfolio presentation.

Check out our Facebook Page. Don't forget to check us out on the last page and on Facebook!

#becausethereslevelstothis
#weleveledup



[CTE Industry Licensure & Certificates](#)

- [NCCER Learning Series](#)



Students in Engineering Class assembled a Raspberry pi computer. A raspberry pi is a low cost computer, it has the ability to interact with the outside world and can be used over a wide range of functionalities like weather stations, music machines and infrared cameras. Students were able to assemble the raspberry pi computer and test its applications. functionalities like weather stations, music machines and infrared cameras. Students were able to assemble the raspberry pi computer and test its applications.

Upcoming Events:

November 4, 2019, CTE Focus Group Meeting 4:30 p.m.

Fall Advisory Committee Meeting
November 12, 2019, 5:30 p.m. to 6:30 p.m.

MDE is offering Fall Webinars/Pre Work for Regional Meetings

Business and Industry Representatives
Wednesday, December 18, 2019, 1:30 – 3:00 p.m.

(Delta) Regional Comprehensive Needs Assessment Meetings
January 16, 2020, 8:00 a.m. – 4:00 p.m. Location: TBD

DSU Student Spotlight
Life After Highschool PD
8th Grade Tour
Fall into Community Service
The Review

October 30, 2019: Presenting fire safety tips at CL3 Head Start Center

November 15, 2019: Prison tour at Mississippi State Penitentiary

HOSA - Future Health Professionals will be attending Fall Leadership Conference in Pascagoula, MS on November 13, 14 and 15, 2019.

leadership experiences.

FBLA-PBL's programs focus on:

Leadership Development—members develop essential soft skills by holding chapter officer positions at the local, state, and national levels; by networking with accomplished business professionals; and by participating in business-focused workshops, seminars, and academic competitions.

Academic Competitions—members demonstrate their business expertise at high-profile regional, state, and national competitive events. The top students are recognized with trophies and cash awards. Learn more about FBLA, PBL, and FBLA-Middle Level competitive events.

Educational Programs—members create career portfolios, enhance their knowledge with world-recognized skills certifications, and have access to select college scholarships. Learn more about educational programs for FBLA, PBL, and FBLA-Middle Level.

Membership Benefits—members receive exclusive discounts and enhanced benefits for travel, education, and more. Learn about the benefits available to FBLA, PBL, and FBLA-Middle Level members.

Community Service—members work with the March of Dimes to help end premature births by participating in awareness campaigns and the March for Babies fundraiser. Discover how FBLA, PBL, and FBLA-Middle Level members support the March of Dimes Business Leaders of America-Phi Beta Lambda, Inc. (FBLA-PBL) is the largest career student business organization in the world. Each year, FBLA-PBL helps over 230,000 members prepare for careers in business.

Skills USA

We are currently fundraising and busy perfecting our skills for regional and state competition. This year Automotives and Carpentry/Construction has been joined by Law and Public Safety. This will in turn open our students up to more opportunities to compete. We've had winners in both region and state. This year our goal this year is to compete and win at the national level.

Former SkillsUSA Member Alonzo Brooks is currently featured in the MS Works Magazine. Alonzo competed and won in cabinet building in regionals and placed at state. We are so proud of this CCDTC/SkillsUSA alumni.

NTHS

It's no secret that NTHS members are the *Best and Brightest* and this year is no exception. Members and potential inductees are busy fundraising and preparing for our upcoming community service project. In addition, soon we will attend the MS State National Technical Honor Society Conference to be held on the Mississippi Gulf Coast in Biloxi at the historic Great Southern Club. There, our students get to network and interact with other members and tour

- Microsoft Office Specialist
- ACTWork Keys (NCRC)
- CPR/First Aid Certification
- Comp TIA IT Fundamentals
- ASE
- Valvoline Motor Oil Certification
- FEMA
- NIMS
- Praxis I (TBD)
- CNA (TBD)



#homecomingroyalty



Alumni SPOTLIGHT

He got up and put his uniform on that day just the same as he had done countless times before. He knew the mission he was assigned to do with his buddies, he had done it several times that month. He grabbed his snacks for the road, made sure his water bottle was full and fueled up the truck. The PM was good, the convoy rolled out just like it had done many times before, he brought in the trail end as always. It was a long drive but with the sun shining and the heat coming through it was going to be just fine. The convoy was off. That is until they hit Faulkville County, that's when the reason for the day became clear. He ran without hesitation the length of a football field to the wreckage. Faster than he ever ran a PT test. His mind was clear and ready for whatever it was he came into, he was the first on the scene. Strong, fit and able he pulled the woman out of the badly banged up truck. He lifted her out of the window as if she was light as a feather. Once on the ground and reunited with her son and husband he took a step back and felt himself breathe again. They prayed together. As the hours past he continued to stay by their side and offer whatever it was they needed. He played with the little boy, he hugged the woman and helped the man tremendously with their belongings. All of this because he raised his right hand and promised to serve his country both foreign and domestic. Meet Demetrius, the soldier who will forever hold a very special place in my heart. I'll never be able to thank him enough for his selflessness and his service. Have you thanked a Vet today?



some of the best places that many only dream of. It's going to be an awesome year for us! Stay tuned....

Educators Rising



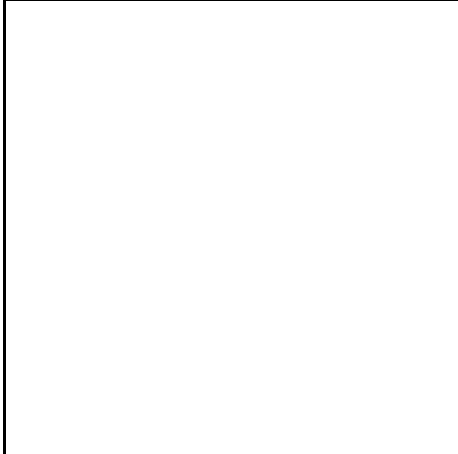
★ Teacher Academy

The Teacher Academy class of the Cleveland Career Development & Technology Center and Delta State University hosted the 2019 Region I Educators Rising Mississippi Fall Leadership Conference. In attendance were students from Cleveland Career Development & Technology Center, Houston Career & Technical Education Center, Tupelo Career & Technical Center, Carl Keen Career and Technical Education Center, Itawamba Career & Technical Center, Oxford High School, Pontotoc Ridge Career and Technology Center, Okolona Vocational Technical Center, and Madison Career & Technical Center. The conference was kicked off with words of encouragement and knowledge that was shared by the guest speaker, Executive Director of RISE, Adrienne White-Hudson. The students were able to participate in different workshops that prepared them for the Educators Rising Mississippi State Competition that will be held in February in Hattiesburg, MS. The students were also able to speak with representatives from local colleges, universities and organizations that included Delta State University, Coahoma Community College, Mississippi Department of Education, Mississippi Valley State University, and Mississippi Delta Community College. The conference was a huge success due to our sponsors Delta State University and Dr. Timothy Watkins, Coordinator of Elementary Education & Outreach.



Students in the Teacher Academy class have begun field experience in which they are able to serve as teacher assistants in local elementary school classrooms. The site for field experience this year is at Pearman Elementary School.

TSA (Middle School)



CCMS TSA is excited to get started this year. Including qualifying and attending the national TSA competition in Nashville, TN, we are also doing other great things.