CTE NEWS

CTE is the answer to the nation's projected deficit of 6.5 million skilled workers, including infrastructure, health care and manufacturing workforce shortages ~ ACTE February 2022

POSSIBLE CAREER PATHWAY - GAME/SIMULATION/ANIMATION PROGRAMMING

The Gaming/Simulation/Animation and Programming Career Pathway is a great Career Pathway for you to offer at your school. We presently have one program at Mosley High School. The content includes, but is not limited to, practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, essential programming techniques, and implementation issues. Specialized programming skills involving advanced mathematical calculations and physics are also integrated into the curriculum.

The four courses in this pathway are: DIT or Game and Sim Foundations, Game and Sim Design, Game and Sim Programming and the capstone course is Multi-User Game and Sim Programming. A teacher with a Business Ed Certification, Computer Science and/or Computer Programming Occupational Experience can teach all of the courses in this pathway. Job growth in this field is predicted to be 22% by 2030.

Artificial Intelligence - a New Career Pathway for 23-24.

FLDOE is working with Post-Secondary Colleges and Universitites to establish a new CTE Career Pathway in Artificial Intelligence. What is Artificial Intelligence? Artificial intelligence (AI) is the ability of a computer or a robot controlled by a computer to do tasks that are usually done by humans because they require human intelligence and discernment. What does AI offer? AI can automate repetitive learning and discovery through data, add intelligence to existing products, adapt through progressive learning algorithms, achieve incredible accuracy and maximize information from data.

To read more about AI and its transformational opportunities: try these two websites - https://www.sas.com/en_us/insights/analytics/what-is-artificial-intelligence.html and/or https://www.techtarget.com/searchenterpriseai/definition/AI-Artificial-Intelligence.

Job growth in this field is expected to be approx. 15% through 2029. Forbes has done a 6 article indepth look into AI and its applications.
It is the career of the future: Naveen G. Rao, VP & General Manager of AI Products Group, Intel shares "We are now entering the Age of AI, a time when marchines are using algorithms that give them superhuman abilities."
Rich Karlgaard, who is a Publisher & Futurist, for Forbes Media has shared that AI has unprecedented potential. Companies will thrive or fail depending on whether they realize this potential.
John Terra writer about AI and Technology shares, "AI and machine learning jobs have jumped by almost 75 percent over the past four years and are poised to keep growing."
So, plan now for this career pathway and let's get a teacher trained and excited to offer this to your students!!!

UPCOMING EVENTS

April: Advisory Council Meetings Scheduled
April 4th - Tools for the Trade Scholarships Due
April 8th - Perkins Grant Requests due to CTE - District office by 5pm
April 18th: Dolphin Tank for Mosley's Entrepreneurship Program. Students will present their ideas and winners will earn FSU -PC Scholarship funds!
April 20th: 1st EVER Chef's Challenge! Culinary Students Compete at Arnold.
May - End of year CTE Meetings
May - End of year Industry Certification meetings at each school. Please have copies of each certification available for our records.

"No-one gets an iron-clad guarantee of success. Certainly, factors like opportunity, luck and timing are important. But the backbone of success is usually found in old-fashioned, basic concepts like hard work, determination, good planning and perseverance."
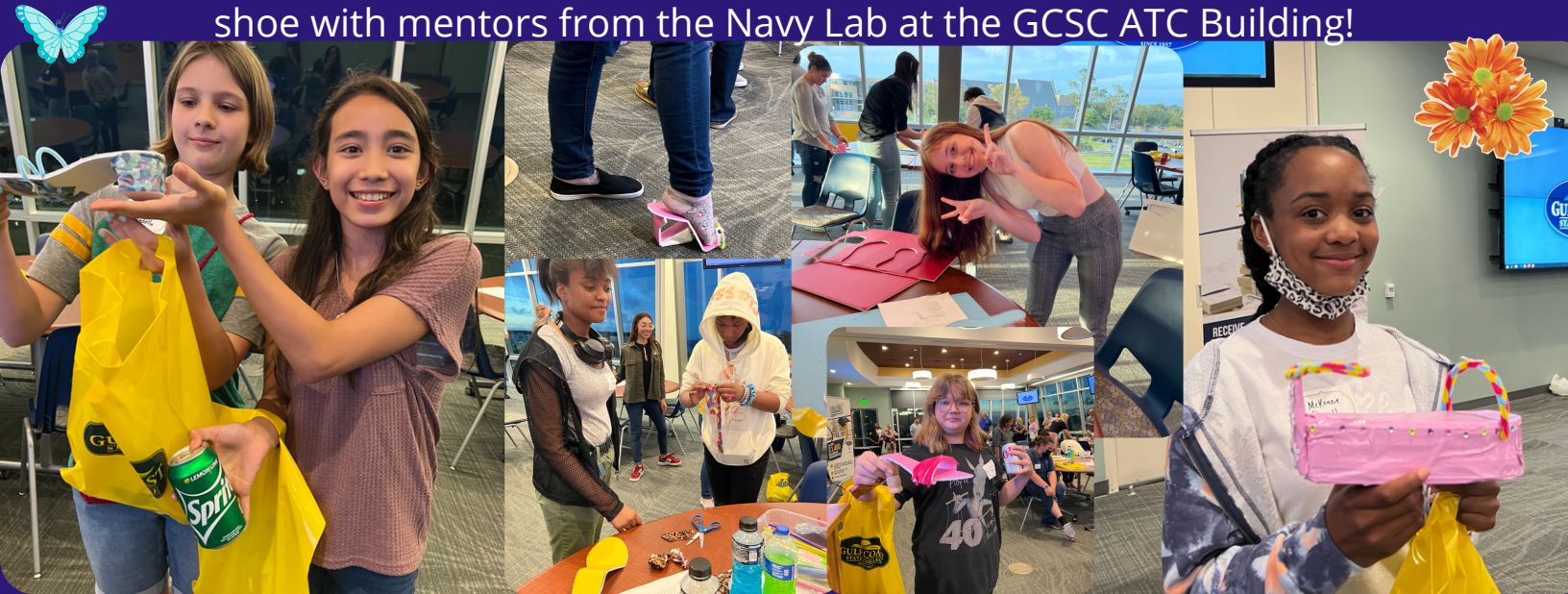**-- Mia Hamm**

Page 2 - Girls In Engineering - Death By Chocolate and Boys Club Visits RHS Construction Academy

Mosley Culinary Program Wins 1st Place at the Death by Chocolate Event Again This Year!

Middle School Girls in Engineering Event where they each designed a high heeled shoe with mentors from the Navy Lab at the GCSC ATC Building!

Bay County Boys and Girls Club Visit the Rutherford High School Construction and Welding Lab and try welding themselves!!!

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