



CTE Update from Hillsdale Area Career Center 9/7/2018

PROGRAM UPDATES

Construction Trades: House Update

- The safety training has been completed by all participants and the house is now in the process of having vinyl siding put on by students. Student numbers are at or above last year's in the program. (39 total)

Cyber Security/Digital Forensics Update

- The morning class which started out at 4 last year is now up to 20. Afternoon is not far behind but is still accepting students (2 at most).
- Mr. Boggs is enrolling a team in the Cyber Challenge and in CyberPatriot again this year.

Engineering, Drafting & Design Technologies Program

- The Fanuc CNC robotic trainers are coming soon and Mrs. Maxfield and Mr. McKelvey are looking to be trained on the Robotic welding trainer and the CNC trainers in October in a 4-day extensive training.

Criminal Justice Program Update

- Mr. Duff put both of his full classes through 3 days of extensive team building exercises. All of last years juniors are now the upperclassmen and have all come back to complete their second year.

Health Science Program Update

- Mrs. Melissa Lautermilch has been a most gracious sub in the program to start the students off with a positive beginning. We are interviewing next week and we have 3 viable candidates to screen. We hope to have a full time instructor in place as soon as possible. I know the students will miss her, however, she is working on her master's through the end of December.

Welding, Brazing & Soldering Program Update

- Seniors are already in the lab working at honing the skills they learned last year to get ready for more advanced training. All students have gone through and passed their safety training and juniors are learning how to run a bead and to start/light the wand.

GENERAL BUILDING UPDATE

- We have 244 students and continue to accept new enrollments, except in Construction and Welding, as openings are available.
- Our building has new carpet, new wiring infrastructure, new fire/emergency alarms and a new parking lot! We are very proud of our custodial staff for their hard work and to you, the board, for approving all of the upgrades!

2018-2019 ENROLLMENT UPDATES

- Our numbers for 18/19 are leveling out. We will still accept enrollments in 3 programs: Cybersecurity, Criminal Justice and Engineering.

PROGRAM	AM SESSION NUMBERS	PM SESSION NUMBERS	TOTAL ENROLLMENT
CRIMINAL JUSTICE/PUBLIC SAFETY	21	22	43
CONSTRUCTION TRADES	21	18	39
ENGINEERING/CAD D/ADVANCED MFTG.	14	17	31
2ND YEAR HEALTH SCIENCES	11	12	23
1ST YEAR HEALTH SCIENCES	22	16	38
WELDING	21	17	38
CYBERSECURITY & DIGITAL FORENSICS	20	12	32
TOTALS	130	114	244

TOTAL: 244 students including returning juniors (seniors)

AGRICULTURAL DAY

- On October 11, 2018, Hillsdale county 7th grade students will have the opportunity to participate in an exploratory event to increase awareness and provide first hand experience about the agricultural food

to table process. Students will tour Anderson Grain, and Hudson Dairy. Many thanks to Sue Smith at the EDP for all of her hard work on planning and preparation to ensure this event goes off without a hitch.

MANUFACTURING DAY

- On October 25, 2018, Hillsdale county 11th & 12h grade students will have the opportunity to participate in an exploratory event to increase awareness and provide first hand experience about the Manufacturing Career opportunities in county. Students will visit AERCO W Wells, Paragon, Hillsdale Terminal, Hi-Lex, Techniplas, and Fairway Products. Many thanks to Sue Smith at the EDP for all of her hard work on planning and preparation to ensure this event goes off without a hitch.

MI-STEM UPDATE

- After two rounds of interviews with regional representation, the MI-STEM Regional Director will be in place by October 1. The MiSTEM director will work across Region 2 to facilitate, coordinate and connect Science, Technology Engineering and math initiatives across the the six-county Region 2. They will work in partnership with MiSTEM Network state Executive Director. Their primary focus will be to strategically develop a STEM culture in the region of Washtenaw, Livingston, Jackson, Monroe, Lenawee, and Hillsdale.

Below are listed the primary functions from the job description:

- Promotes the integration of business and education by fostering regional partnerships between educators and employers
- Encourages business to support, either in-kind or with donations, programs and practices in STEM education for the purpose of improving STEM education, literacy, and workforce development
- Connects with Chambers of Commerce, the Michigan Economic Development Council, Talent 2025, and others in order to facilitate regional business conversations
- Develops and implements a multi-level communication campaign to connect STEM stakeholders
- Works to coordinate STEM career fairs, talent showcases, and other events that highlight STEM education
- Attends local business council meetings and brings skill and workforce development needs to educational organizations
- Attends local education meetings and assists schools with internship placement and connections
- Identifies foundations, business groups, and grants for educational organizations to apply to for funding
- Supports grant-writing and fundraising efforts in the region
- Active coordination, including travel, with stakeholders in Jackson, Lenawee, Hillsdale, Monroe, Livingston, and Washtenaw County
- The Director of each MiSTEM Network region will: Support the creation of a common understanding of what STEM means that is inclusive of all stakeholders and activities that are relevant and applicable.
- Lead and oversee the progress of all STEM education activities and assure regional alignment with the state's goals.
- Lead in the shaping of a statewide vision, strategy and goals in concert with other regional and state-level stakeholders.

- Lead in developing and implementing common goals among the region's stakeholders and ensure that all parties are fairly represented at the regional level (business, education, nonprofit organizations, etc.).
- Meet regularly with the regional and state stakeholders.
- Identify and coordinate resources to support regional STEM stakeholders and activities that support regional and state goals.

MARSHALL PLAN CONSORTIUM APPLICATION

- At our August Superintendent meeting we reviewed the Marshall Plan For Talent Grant Opportunity and sought input from our local district leaders to frame the desire to pursue a Tier 1 consortium application around the expansion and development of career pathways to address the talent gap in Manufacturing, Healthcare, Information Technology, and Agriculture. With their blessing we proceeded to organize a talent consortium composed of district leaders, business/industry, and community organizations. We will be functioning as the fiscal and convener for the talent consortium and the chosen name was "Hillsdale County Talent Pipeline". Currently the Marshall Plan is open for Phase 1 of funding (September 5-19th) receiving concept summaries for feedback, which is the first step in the application process. We have a project & needs narrative completed and are just waiting on a few more letters of support from business and industry partners to submit our concept summary for review/feedback.