

Making the Connection

Thursday, October 17, 2019

CAREER TECHNICAL EDUCATION

CTE =

Critical Thinking in Education

What makes CTE successful is the shared commitment by educators, industry leaders, and policy makers to align academics in our middle schools, high schools, and higher education with current and future labor market demands.

Advanced Placement® (AP) and Career Technical Education (CTE) courses can and should work in tandem to support career readiness by encouraging the development of the academic knowledge and technical skills that are, together, increasingly important to students' overall employability.

College Board, October 30, 2018

For too long, "college-ready" and "career-ready" coursework and experiences have been separate in our schools; the alignment of AP and CTE courses shows this divide only limits learners' options.

College Board, 2018 <https://cb-homeorg-gateway.collegeboard.org/sites/default/files/AP-CTE-Brochure.pdf>

"When these kids go off to college there have been lots of studies that say they're not prepared with the communication, critical thinking and collaboration skills they need," said Denise Pope, a senior lecturer at Stanford's Graduate School of Education and a co-founder of Challenge Success, a nonprofit education advocacy group. "Learning by doing is more effective in the long term to produce mastery..."

PBS News Hour, April 11, 2018

"There's still a lot of stigma around CTE for both schools and families," said Gilda Wheeler, program director of Washington STEM, a nonprofit that advocates for equality in STEM education across the state. "It's for the poor kids ... who aren't going to succeed in college.' But giving any kid real-world experience during high school where they're tackling actual industry challenges gives them access to career pathways, not dead-end jobs."

PBS News Hour, April 11, 2018

"The top 3 skills and experiences that students report gaining in their CTE classes are skills to help them get jobs in the future, real-world examples to help them understand academic classes and the chance to work as part of a team."

My College OptionsR/ACTE research study, 2017

"CTE students are significantly more likely than their peers to report developing problem-solving, project completion, research, work-related, communication, time management and critical-thinking skills during high school."

Lekes et al., CTE Pathway Programs, Academic Performance and the Transition to College and Career, National Research Center for CTE, 2007

"CTE enables students to master STEM skills and competencies that have value across a variety of industries and careers."

Advance CTE, CTE is Your STEM Strategy, 2013

"A national survey found that parents of CTE students were more satisfied with their school experience by every measure compared to parents whose children were not involved in CTE."

<https://careertech.org/resources/value-and-promise-of-cte-research-from-a-national-survey>, April 2017



Benefits of enrolling in CTE

- Curriculum designed to improve job skills and marketability
- CTE creates career pathways and imparts vital employability skills that employers are seeking in a 21st century workforce
- CTE programs and pathways ensure that coursework is simultaneously aligned to rigorous academic standards and postsecondary expectations and informed by and built to address the skills needed in specific career pathways
 - CTE programs incorporate . . . critical workplace skills such as problem solving, communication, critical thinking and teamwork to ensure career and college success for its students.

Anchor Bay Schools
Armada Area Schools
Centerline Public Schools
Chippewa Valley Schools
Clintondale Community Schools
Eastpointe Community Schools
Fitzgerald Public Schools
Fraser Public Schools
Lake Shore Public Schools
Lakeview Public Schools
L'Anse Creuse Public Schools
Mount Clemens Community Schools
New Haven Community Schools

For more information about CTE, contact
Shannon Williams at 586.228.3488 or swilliams@misd.net



Macomb Intermediate School District
44001 Garfield Road
Clinton Township, MI 48038
586.228.3300

For more information about
the MISD and the 21 school districts, go to

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