

# MAKING THE Connection TO Career Technical Education

18, October, 2018

# CTE is key



# for career success



**“CTE classrooms offer hands-on learning environments that bring science, technology, engineering ... to life.”**

<http://www.careertechvision.com/2017/stem.cfm>, December 9, 2017

**30% of today's STEM intensive jobs are in occupations such as installation, maintenance and repair; construction; manufacturing; and health care support.**

[www.acteonline.org](http://www.acteonline.org), May, 2014

**“CTE encompasses a wide range of activities intended to simultaneously provide students with skills demanded in the labor market while preparing them for post-secondary degrees in technical fields.”**

[www.brookings.edu](http://www.brookings.edu), Brian A. Jacob, October 5, 2017

**“CTE is ... Science. 61% of CTE students interested in a science career report that their CTE courses provide them with skills for the workforce.”**

[www.acteonline.org](http://www.acteonline.org), May, 2014

**“CTE is ... Technology. IT employees can earn more than 2x the national average, and IT is one of the best-paying Career Clusters for those with middle-level skills.”**

[www.acteonline.org](http://www.acteonline.org), May, 2014

**“CTE is ... Engineering. 18% job growth is projected for environmental engineering technicians by 2022. These jobs typically require an associate's degree and pay more than \$45,000 per year.”**

[www.acteonline.org](http://www.acteonline.org), May, 2014

**“CTE is ... Mathematics. 45% of CTE students interested in a math career report that their CTE courses help them attain higher math and/or science skills.”**

[www.acteonline.org](http://www.acteonline.org), May, 2014

**Effective CTE is always about both college and career; it is never a choice between the two. Effective CTE results in academic and industry-recognized credentials.**

<https://www.uschamberfoundation.org/blog/post/5-keys-effective-cte-program>, February 7, 2017

## Why Career Technical Education is key?

- Focus on students being college and career ready
  - Rigorous in technical and academic aspects
- Relevant and related to real careers and occupations in high growth industries
- Project-based or work-based learning, preparing the students for college and career
- Employability skills (such as critical thinking and responsibility) that are essential in any career area
- Job-specific technical skills related to a specific career path
  - Opportunities to practice skills through work experience, internships, and other work-based training

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

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 Clinton Township, MI 48038  
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For more information about  
 the MISD and the 21 school districts, go to

**[www.misd.net](http://www.misd.net)**

Richmond Community Schools  
 Romeo Community Schools  
 Roseville Community Schools  
 South Lake Community Schools  
 Utica Community Schools  
 Van Dyke Public Schools  
 Warren Consolidated Schools  
 Warren Woods Public Schools

It is the policy of the MISD that no person on the basis of race, creed, color, religion, national origin, age, sex, height, weight, marital status, or disability shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in any program or activity for which the MISD is responsible.