

# CTE Programs Farmington Municipal Schools

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PRESENTATION TO LEGISLATIVE EDUCATION STUDY COMMITTEE

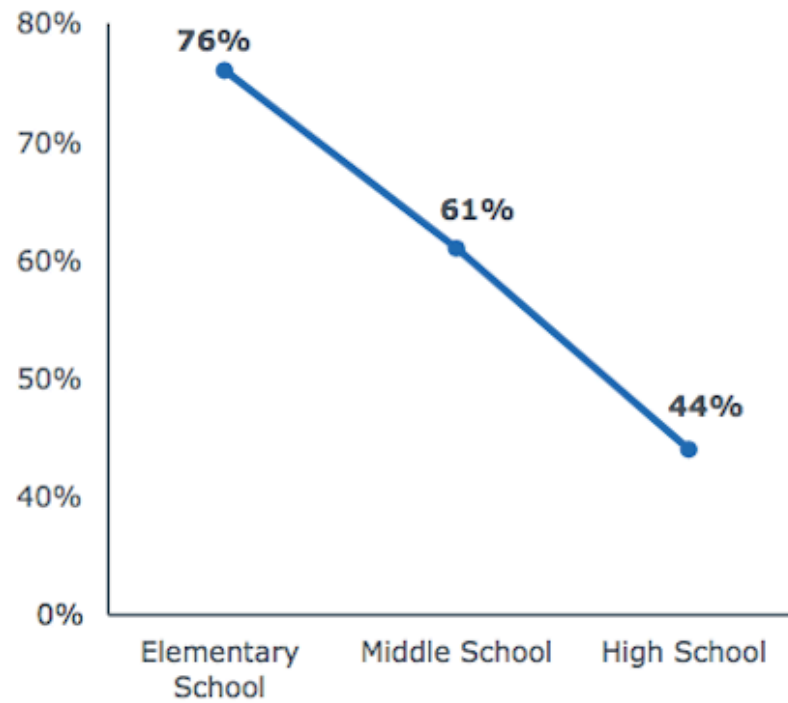
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# A Crisis of Relevancy

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**Students' Engagement Decreases Throughout Academic Tenure**  
*Percentage of Students Engaged in School*



# A Crisis of Relevancy

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Declining Engagement Calls for Real World Classroom Connections

“Classes are boring, and I don’t see how they are important for anything I want to do. What does math have to do with anything?”

14 Year Old Student

**81%**

Of high school drop outs report that “seeing the connection between school and getting a job would have kept them in school”

# CTE Works for High School Students

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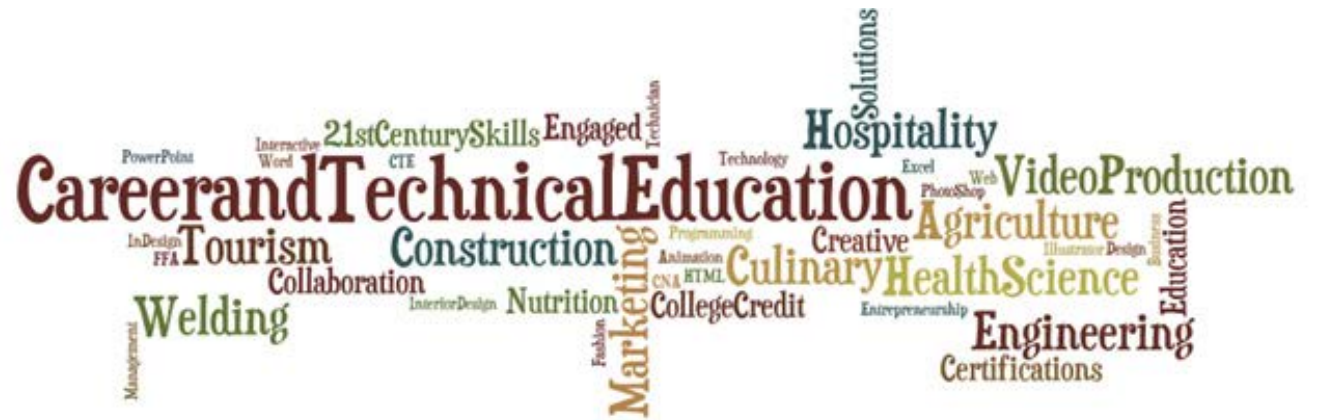
*High school students involved in CTE are more engaged, perform better and graduate at higher rates.*

- High Risk students are 8 to 10 times less likely to drop out in the 11<sup>th</sup> or 12<sup>th</sup> grades if they enroll in a CTE program
- The average high school graduation rate for students concentrating in CTE programs is 93 percent, compared to an average national freshman graduation rate of 80 percent. (91.5% - FMS)
- More than 75 percent of secondary CTE concentrators pursued postsecondary education shortly after high school.

# Programs of Study

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- Automobile Repair
- Business & Marketing
- Culinary Arts
- Digital Media Arts
- Early Childhood Careers
- Health Occupations
- Welding



# Automobile Repair

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- State of the Art facility
- Students compete at local and regional levels in skills competitions
- 3 course sequence at high school – transition to dual credit
- Cross curricular connections with math curriculum.



# Business & Marketing

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- New program of study
- 275 students in inaugural year
- Leads to Adobe and Microsoft certification.



# Culinary Arts

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- Commercial Kitchen
- Food Truck
- 4 course sequence (2 dual credit)
- Students placed at local restaurants including: Olive Garden, Fuddruckers, Papa Murphy's, Firehouse Subs





# Digital Media Arts

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- FHS Live (Live video streaming of events)
- Radio morning show
- Recording studio
- Video news compilations, jumbotron motion graphics, artist rendered original musical compilations (all produced, performed, and programmed by the students).



# Welding

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- State of the Art welding facility
- Place in top 5% at local and regional competitions.
- 4 course sequence (1 dual credit)
- Business partnerships - students go directly from high school to employment.



# CTE Industry Credentials

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- 53 students earned SP/2 Mechanical Safety Certification
- 45 Students earned SP/2 Work Ethics Certification
- 45 students earned SP/2 Pollution & Prevention Certification
- 30 Students earned SP/2 Land That Job Certification
- 5 Students earned OSHA/Career Safe Certification
- 42 Students earned Serv/Safe Certification



# Next steps

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- Expansion of business partnerships
  - Externships for CTE teachers
  - Internships for students
  - Collaboration with business partners in lesson development
  - Weekly classroom visits from business partners



# Next steps

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- Career Development Plan
  - 8<sup>th</sup> Grade – Career Exploration (Initial Next Step Plan)
  - 9<sup>th</sup> Grade – Freshman Academy (Select career academy)
  - 10<sup>th</sup> Grade – Career Fair
  - 11<sup>th</sup> Grade – Job Shadowing
  - 12<sup>th</sup> Grade – Internship/Capstone



# Questions

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