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Superintendent

**Appropriations: School Aid and Education
Tuesday, March 14, 2017
Career and Technical Education**

**Michele A. Harmala, Ph.D., Superintendent
Wayne-Westland Community Schools**

Three big ideas that support CTE:

Flexibility

- Curriculum: the what and the how
- Teacher certification for CTE: industry standards are critical with support for development of teaching methods

Funding

- To support the variety of high school options needed to prepare students for college & career
- To support transportation to existing programs
- To support the actual expense of CTE: capital, supplies, personnel
- That enhances collaboration and reduces duplication of efforts

Fanfare

- Message CTE as a viable option
- CTE is preparation for career and college
- CTE programs fill the talent pipeline for jobs that are open now, as well as those that will be open

Career-Technical Education: Wayne RESA & Wayne- Westland Community Schools

March 10, 2017

"Serving our students - filling the pipeline"



"Serving our students - filling the pipeline" Career-Technical Education

AGENDA

- Welcome, Introductions and Agenda
- Students Speak video: an introduction to the William D. Ford Career-Technical Center
- Tour of the William D. Ford Career-Technical Center
- Lunch & CTE Presentation and Discussion
 - Student Outcomes: Career & College Readiness
 - Systems Coherence: Regional Services & Accessibility
 - Changes for Success: Systems Supports & Adequate Funding



“Serving our students - filling the pipeline” Career-Technical Education

Key Points:

- Student Outcomes: Career & College Readiness
- Systems Coherence: Regional Services & Accessibility
- Changes for Success: Systems Supports & Adequate Funding



“Serving our students - filling the pipeline” Career-Technical Education: Vision for Success

- **All students career and college ready** through development of both employability & technical knowledge/skills
 - Requires an “early start” -- Education Development Plan (EDP) inclusive of awareness, exploration, and preparation
- **Coherent system of CTE options accessible by region**
 - Aligned with the current and future needs of business and industry
 - Innovation - research and development; experimentation with “the business world” - recent & relevant experiences
 - Continuum of business partnerships - understanding of high school as first work experience
 - AM/PM and post-PM options
 - Enrollment in Career-Technical Education for two high school years (ideally) with continued post-secondary articulation of credits & participation
 - Many pathways approach - Career-Technical Education options don't reduce high options and vice versa
- Adequate systems **supports & funding** to ensure ALL are career and college ready



**“Serving our students - filling the pipeline”
Career-Technical Education: What impacts success?**

MICHIGAN MERIT CURRICULUM - Instructional Time is Finite

- Required courses/content/credits impact participation in CTE
- Increase flexibility - academic instruction in CTE & personal curriculum

HIGH SCHOOL COURSES & STUDENTS

- High School - Career-Technical Education options reduce local high school options and vice versa
- High school students’ passion for the high school experience - “I want to be at my high school”

NEED: Reduce curricular mandates; Increase flexibility in curricular what & how



**“Serving our students - filling the pipeline”
Career-Technical Education: What impacts success?**

Local District Barriers

FUNDING

- District funding - loss of .5 Full Time Equivalent (FTE)
- Transportation costs & time

STAFF REQUIREMENTS

- Staffing: dual credentials, Annual Authorization, compensation, attraction to CTE teaching

CAREER-TECH PROGRAMS & MESSAGING

- Duplication of programs
- Limited access to needed programs by region or business/industry
- Negative narrative around options different than “only college/university”

NEED: Weighted CTE funding; Staff attraction & retention funding; Coherent system that reduces duplication & increases access; Positive messaging



“Serving our students - filling the pipeline” Career-Technical Education: What impacts success?

How we receive money

- **MI 61a:** Added cost funding – must spend to receive \$770K
- **MI 61b:** For Early Middle College - Of \$10 million only \$500K was distributed by the Michigan Department of Education – duplication of CTE efforts
- **MI 61c:** For capital expenditures – Of \$3 million, \$55K for all of Wayne County (less Detroit Public Schools) - \$6,500 to William D. Ford Career-Technical Center
- **Federal Perkins** – no increases in >8 yrs; WWCS approximately \$300,000 (7% of WW CTE Budget)
- **Foundation Allowance** - .5 FTE from sending districts \$3.3 million -

NEED: Weighted CTE funding; Coherent system that reduces duplication & increases efficiency

Context: William D. Ford CTE Annual Budget: \$4.375 million; 19 programs; 900 students



“Serving our students - filling the pipeline” RESA Workforce Development: A Regional Approach

Wayne County RESA focus:

- **Preparing a Quality Workforce:** Researching options that are available for education and training in Wayne County
- **Talent Development in the Region:** Creating a map of specific vehicles available in the region for skill development, educational attainment, training and employment.



“Serving our students - filling the pipeline”
RESA Workforce Development: A Regional Approach

What we know about jobs in our region:

- The Detroit Region is recovering from one of the deepest economic downturns of any metro region in the country
- Continued growth depends heavily on preparing a quality workforce.
- Growing demands in the workforce require expansion of talent development in the region
- While economic growth requires high skilled workers, **there is a growing need for middle skilled workers in the region (high school credential plus training)**
- Approximately **10,000 middle skill jobs** open per year in Michigan
- **58% of jobs “in demand” do not** require a college degree.



JPMorgan Chase “Driving Opportunity in Detroit”

“Serving our students - filling the pipeline”
RESA Workforce Development: A Regional Approach

What we know about our students:

Out of 17,204 graduates:

- 10,258 enrolled in college in their first year (59%)
- Approximately 11, 0000 students attended Community College, trade school or work
- Of the students going to college, almost 40% will **not** have yet completed a degree or certificate in 5 years



Source: MISchoolData

“Serving our students - filling the pipeline” RESA Workforce Development: A Regional Approach

Wayne County RESA plan:

- Ensure every school in our county is aware of every opportunity currently available to their students.
- Create a “one-stop shop” of services to arm all students with available options and a career plan when they leave school.
- Ensure that over time all students have access to available programs and services so that students in Wayne County are career and college ready.
- Meet the needs of Michigan businesses with an unmet demand for labor in the current workforce by increasing those in the “pipeline”.
- <http://wordpress.resa.net/workforce/>
NEED: Support regional access to pipeline resources



“Serving our students - filling the pipeline” Career-Technical Education: How to ensure all students are career & college ready!

Needed changes & advocacy: “Flexibility, Funding, Fanfare”

Flexibility

- Reduce curricular mandates & Increase flexibility in curricular what & how
- Support regional access to pipeline resources

Funding

- Weighted CTE funding (for example 1.2 instead of 1.0 or additional funding for Intermediate School Districts without vocational millages)
- Support for transportation expenses
- Staff attraction & retention funding
- Reduce duplication of efforts & costs
- Increases accessibility & efficiency
- Consolidation funding for consortium schools & community colleges – Don’t start/fund a new program that is already being offered by another provider in the same region
- Funding for capital expenditures, innovation, research and development, experimentation

Fanfare: CTE – A Viable Option

- Positive messaging campaign
- Many pathways approach



Career-Technical Education: *“Serving our students - filling the pipeline”*

Needed changes & advocacy

Curriculum

- Reduce curricular mandates
- Support regional access to pipeline resources

Funding

- Weighted CTE funding (for example 1.2 instead of 1.0 or additional funding for Intermediate School Districts without vocational millages)
- Support for transportation expenses
- Funding for capital expenditures, innovation, research and development, experimentation

“Serving our students - filling the pipeline” Career-Technical Education: Questions & Answers

Q & A

“Serving our students - filling the pipeline”
Career-Technical Education: Wrapping it Up

Representative Laura Cox

Representative Robert Kosowski



“Serving our students - filling the pipeline”
Career-Technical Education: Contact Information

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