

Career and Technology Education Annual Report



Presentation to the
Harford County
Board of Education

October 24, 2016



Federal Charges related to Carl D. Perkins Legislation

- Be involved in the development, implementation and evaluation of career and technical education programs assisted under this title.
- Participate in long-range strategic planning.
- Review labor market demand data.
- Assist in determining which clusters to implement.
- Evaluate the program with an eye towards continuous improvement.



Accomplishments

- Advocate for local set-aside funding for career and technology education.
- Develop of a five-year CTE program improvement plan.
- Review and approve the Harford County Public Schools (HCPS) application for the Carl D. Perkins grant, fiscal year 2016-17.
- Review and approve the HCPS application for four reserve grants, fiscal year 2016-17.



Recommendations: Short-term

- Solidified funding to support Project Lead the Way (PLTW) Middle School Pre-Engineering program, Gateway to Technology (GTT) in all 9 middle schools.
- Updated the Business Management and Finance cluster to align with new course descriptions and sequencing developed by the Maryland State Department of Education (MSDE) in conjunction with the University of Maryland Eastern Shore (UMES).



Recommendations: Short-term

- Amended the Academy of Health Professions program at Harford Technical High School to include the Physical Rehabilitation pathway.
- Develop a process to validate partnerships which can increase mentoring and/or internship opportunities for students in CTE programs.
- Amend the Career Research and Development program to include apprenticeship and dual enrollment opportunities.



Recommendations: Mid-term

- Implement the state developed Interactive Media program at high schools with communication studios including: Bel Air, Edgewood, North Harford, and Patterson Mill.
- Upgrade the Automotive Refinishing and Collision Repair and the Food Preparation and Management programs at Harford Technical High School.



Recommendations: Mid-Term

- Develop and implement new CTE programs related to the Transportation, Logistics and Manufacturing industries to address the labor market needs of the Susquehanna Workforce Investment Area (SWIA).
- Explore possible CTE program options related to wastewater treatment operations.
- Determine seat capacity based on facility utilization as a basis for determining the location of future magnet/signature programs.



Recommendations: Long-term

- Implement the state developed Computer Science program at Havre de Grace Middle/High School as a magnet program offered to students across the county.
- Increase the number of students accessing the Project Lead the Way Biomedical Sciences and the Project Lead The Way Pre-Engineering program by expanding the program to additional high schools.
- Expand the quantity and quality of CTE programs offered to students.



Proposed Charge 2016-17

- Evaluate the adequacy of the Career and Technology Education programs being offered in all high schools in terms of meeting both student and workforce needs.
- Investigate non-traditional funding sources to support CTE programs, and monitor the progression of apprenticeship/internship programs.



Questions?