Career and Technical Education Update

Education Committee Meeting
March 5, 2013
Where We Were

• CTE Regional Plan – Board Approved on May 26, 2010

  – **Access:** This plan allows for all PPS students to have access to quality CTE programs within each region.
    
    Three programs per region:
    
    – Health Careers
    – Information Technology, Business or Finance
    – Culinary Arts

  – **Cost:** This plan made use of existing spaces.

  – **Transportation:** Mid day shuttles provided for travel students within each region.
Where We Are
March 2013
Where We Are

• **CTE Program Overview**
  – 18 Career and Technical Education programs
  – There are approximately 500 CTE program students (three period courses).
  – Approximately 67 students are traveling on shuttles utilizing the regional model
  – 27 students transferred into a different region to take a program not offered in their region
  – 46.9% of CTE current seniors are Promise Ready
    (District Current Seniors 48.8% Promise Ready)
CTE Program Map
School Year 2012-2013

NORTH REGION
Perry
- Cosmetology*
- Culinary Arts*
- Health Careers
- Information Technology

SOUTH/WEST REGION
Brashear
- Automotive Body Repair
- Automotive Technology
- Machine Operations
- RHVAC**

Carrick
- Business Administration
- Culinary Arts
- Finance Technology
- Health Careers Technology
- Information Technology

EAST REGION
Westinghouse
- Business Administration
- Cosmetology
- Culinary Arts
- Health Careers

Allderdice
- Pre-Engineering

* Classes held at Oliver/Pittsburgh Citywide Academy
** Classes held at South Annex
Where We Are

• Regulatory mandates for CTE set by:
  – Chapter 339 – Vocational Education Standards – Pennsylvania School Code
  – Carl D. Perkins Vocational and Technical Act
## Where We Are

### ACCOMPLISHMENTS

<table>
<thead>
<tr>
<th>Chapter 339 Non-Compliance Issues 2008-2009</th>
<th>How compliance has been attained 2012-2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-adherence to the three-period delivery model</td>
<td>18 programs operate using the three-period delivery model</td>
</tr>
<tr>
<td>National Occupational Competency Testing Institute (NOCTI) pass rate lowest in the state in 2008-2009</td>
<td>NOCTI pass rate among the highest in the state in 2011-12</td>
</tr>
</tbody>
</table>
| Course-related industry certification | • All CTE programs offer industry certifications  
• CTE staff trained to deliver CPR/AED certification  
• Seniors attained 150 industry certifications |
| School Board Oversight | Occupational Advisory Committee List submitted for Board approval (221 members) |
## Where We Are

### ACCOMPLISHMENTS

<table>
<thead>
<tr>
<th>Perkins Grant Indicators</th>
<th>2010-2011 Performance Goals (increase by 2%)</th>
<th>2010-2011 Actual Performance</th>
<th>Goal Met?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSSA Reading</td>
<td>44%</td>
<td>44.79%</td>
<td>Yes</td>
</tr>
<tr>
<td>PSSA Mathematics</td>
<td>35%</td>
<td>34.38%</td>
<td>No</td>
</tr>
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<th>2011-2012</th>
<th>Goal Met?</th>
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<tr>
<td>Technical Attainment (NOCTI)</td>
<td>37%</td>
<td>47%</td>
<td>80%</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Where We Are

“The NEW CTE”

Students Occupationally and Academically Ready (S.O.A.R.)
Where We Are

ACCOMPLISHMENTS

PDE Commendations
- Data Driven Instruction - CTE Integration Teachers
- Career Counselor Model
- Increased the number of students passing NOCTI to 80%
- Technical Assistance Program (TAP)

Partnerships
- Over 60 partnerships
- Josh Gibson & Duquesne University Business of Sports Academy (BOSA)
- Community Engagement (HIRE Learning, CTE Career Fair)
- Academic Counselors’ CTE Backstage Pass Tour

Technology
- Updated software for programs and electives
- Addition of EverFi Financial Literacy Curriculum
- Piloted iPads in Health Careers Program
- Updated all CTE Computer Labs with Smart Boards, Elmo's, Projectors, Clickers
Clicker Question

What does CTE stand for?

a. Career and Training Education
b. Career and Technical Education
c. Career and Technology Education
Where We Are Going - 2013 and Beyond
Where We Are Going - 2013 and Beyond

• Preparing for the upcoming Perkins (March 13-15, 2013) and Chapter 339 Audits

• Launching a Mobile App Development course with University of Pittsburgh

• Exploring virtual job shadowing

• Updating curriculum to include Common Core State Standards

• Working with Human Resources to develop a data bank of potential CTE hires
# Where We Are Going - 2013 and Beyond

<table>
<thead>
<tr>
<th>Program (three period)</th>
<th>School</th>
<th>Financial Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpentry</td>
<td>Carrick &amp; Westinghouse</td>
<td>$0 - low</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Program</th>
<th>Proposed School</th>
<th>Financial Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Annex</td>
<td>RHVAC</td>
<td>Allderdice</td>
<td>$250,000</td>
</tr>
</tbody>
</table>
Where We Are Going - 2013 and Beyond

CTE Goals

- Increase the use of student articulations agreements by 10%.

- Increase the number of Promise Ready CTE students by 10%.

- Increase the number of trade offerings to align with regional high priority occupations.

- Increase CTE industry certifications by 10% (Dr. Lane’s goal)