THE VALUE OF THE COLLEGE- AND CAREER-READY AGENDA IN PENNSYLVANIA

WHY COLLEGE- AND CAREER-READY EXPECTATIONS FOR ALL STUDENTS?

• A high school diploma is no longer enough; now, nearly every good job requires some education and/or training beyond high school – such as an associates or bachelors degree, certificate, license, or completion of an apprenticeship or significant on-the-job training.

• Currently, far too many students drop out or graduate from high school without the knowledge and skills required for success, closing doors and limiting their post-high school options.

• The best way to prepare students for life after high school is to align K-12 and postsecondary expectations. All students deserve a world-class education that prepares them for college, careers and life.

A HIGH SCHOOL DIPLOMA IS NO LONGER ENOUGH FOR SUCCESS

In 1950, 60% of jobs were classified as unskilled, attainable by young people with high school diplomas or less. Today, less than 20% jobs are considered to be unskilled.1

One result: In Pennsylvania, the demand for middle- and high-skilled workers is outpacing the state’s supply of workers educated and experienced at that level.

• 81% of Pennsylvania’s jobs are middle- or high-skill (jobs that require education beyond high school).2

• Yet only 43% of Pennsylvania’s adults have some postsecondary degree (associate’s or higher).3

TOO MANY STUDENTS GRADUATE UNPREPARED FOR REAL WORLD CHALLENGES

Far too many students enter two- and four-year postsecondary institutions unprepared for college-level coursework.

Pennsylvania’s Remediation & Retention Data

For every high school graduate who enrolls in any public postsecondary institution in Pennsylvania:

• One in three requires remediation.4

For every high school graduate who enrolls in a two-year institution in Pennsylvania:

• Only 56% return their sophomore year.

For every student who enrolls in a four-year institution in Pennsylvania:

• 81% return their sophomore year.

• But only 65% go on to earn a degree within six years.5

Employers agree that graduates entering directly into the workforce lack essential workplace skills.

• Only 7% of Pennsylvania business leaders surveyed feel “very confident” that high school students are graduating with necessary knowledge and skills for careers.6

Preparation for the Jobs of Tomorrow

Pennsylvania should be preparing students for the jobs of tomorrow, not the jobs of yesterday – or even of today.

Among Pennsylvania’s occupations with the largest and fastest-growing employment are a number of skilled jobs that require some postsecondary education or training but less than a four-year degree, such as:7

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th># of JOBS</th>
<th>MEDIAN SALARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered nurses</td>
<td>131,300</td>
<td>$58,100</td>
</tr>
<tr>
<td>Paralegals and legal assistants</td>
<td>9,550</td>
<td>$42,500</td>
</tr>
<tr>
<td>Computer support specialists</td>
<td>23,800</td>
<td>$38,200</td>
</tr>
</tbody>
</table>
A MORE RIGOROUS & RELEVANT HIGH SCHOOL EDUCATION WILL OPEN DOORS FOR STUDENTS – AND KEEP THEM OPEN

By requiring all students in Pennsylvania to graduate college and career ready, Pennsylvania could help ensure all students leave high school with the knowledge and skills they need for lifelong success – regardless of their immediate post-high school plans.

Personal Benefits of Education in Pennsylvania

The link between educational attainment and gainful employment is clear: more education is associated with higher earnings and rates of employment.

While there may be jobs available to high school dropouts and graduates, they often pay less and offer less security than jobs held by those with at least some postsecondary experience.

<table>
<thead>
<tr>
<th>UNEMPLOYMENT RATE</th>
<th>LEVEL OF EDUCATION</th>
<th>MEAN INCOME</th>
</tr>
</thead>
<tbody>
<tr>
<td>5%</td>
<td>TOTAL</td>
<td>$43,222</td>
</tr>
<tr>
<td>15%</td>
<td>HS Dropout</td>
<td>$18,860</td>
</tr>
<tr>
<td>5%</td>
<td>HS Graduate</td>
<td>$34,394</td>
</tr>
<tr>
<td>5%</td>
<td>Some College</td>
<td>$35,762</td>
</tr>
<tr>
<td>1%</td>
<td>Bachelor’s &amp; Above</td>
<td>$68,080</td>
</tr>
</tbody>
</table>

Postsecondary Preparation & Success

Studies find that students feel more prepared by a rigorous course of study in high school:

- College students who took Algebra II or beyond during high school are more than twice as likely to report feeling prepared for the math they are expected to do in college.\(^iv\)
- They also perform significantly better in a range of college courses, including physics, chemistry and even biology.\(^v\)

Students – especially low-income students – demonstrate larger achievement gains when they are enrolled in rigorous course of study in high school.\(^xi\)

- 87% of first-generation college-going students – who took a highly rigorous course of study in high school – persisted in college or earned a degree after 18 months.
- Only 55% of first-generation students who took just a general curriculum persisted that long.\(^xii\)

Research finds that high school students who take advanced math double their chances of earning a postsecondary degree:

- 59% of low-income students who took advanced math in high school earned a bachelor’s degree.
- 36% of low-income students who did not complete the rigorous high school course of study earned a bachelor’s degree.\(^xiii\)

BOTTOM LINE: The college- and career-ready agenda aims to provide students with the rigorous foundation they need to be successful in college, careers and life.

\(^iv\) Skills to Compete. http://www.skills2compete.org
\(^vii\) Career One Stop: Pathways to Career Success. http://www.careeronestop.org/