Proof Positive

April 2017

The First Eight Graduating Classes of Timken Early College High School

Stark Education Partnership, Inc.
In 2005, when the Canton City School District, Stark State College, the Canton Professional Educators Association, and the Stark Education Partnership came together to establish Timken Early College High School (TECHS) (formerly known as Canton Early College High School), the percentage of the city’s young adults with some college or an associate degree was 33%.\(^1\) Startup funding for the school was provided by the Bill and Melinda Gates Foundation through KnowledgeWorks and the state of Ohio.

TECHS affords students an opportunity to earn both a diploma and an associate degree during their high school career.

In 2005 with only 12.5% of its adults (today it’s 14.5%)\(^2\) with a bachelor’s degree or higher and 81% of its students in poverty,\(^3\) Canton’s poorest neighborhoods needed a compelling example that college is possible. From the onset, TECHS was envisioned not just as a school, but as a culture shifting community “proof-point” that low income, first generation, inner city students can be successful with college-level work.

By TECHS’s tenth year of operation in 2015 (the latest figure available) the percentage of young adults with some college or higher had increased to 59.2%.\(^4\)

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1 U.S. Census designation of young adults as 18 to 24 years. Percentages are from the 2005 and 2011 American Community Survey.
2 U.S. Census 2015 American Community Survey
3 Ohio Department of Education District Poverty Typology, 2013.
4 U.S. Census Bureau, 2015 American Community Survey 1-year estimates.
Prelude: The Class of 2016

Four hundred and nine students have graduated Timken Early College High School (TECHS) since 2009. The 50 members of the graduating class of 2016 were nearly all from populations underrepresented in higher education. Of the 2016 class, 70% were economically disadvantaged and 42% were minorities – 34% were both.5

TECHS’s eight graduating classes have demonstrated that urban students can succeed in a rigorous academic program and earn both a diploma and an associate degree upon their graduation from high school.

TECHS students continued to outperform other early college high schools across the state and nation on key indicators – graduating high school on-time, graduating with college credit, and graduating with an associate degree.

5 Based on results for the Class of 2016.
Key Indicators of Success

Graduating High School On-Time
All 409 students who graduated TECHS have done so on-time. This compares to 93% for other early college high schools across the nation.6 In Canton and elsewhere, on time graduation is viewed as a function of those who have persisted to completion in early college high school.

What happens to those who don’t remain? Of the 32 students from the class of 2016 who did not persist in TECHS, 100% graduated on time from high school demonstrating the value of the early college experience.

Graduating with College Credit
All – 100% – of TECHS graduates have earned college credit compared to the national average of 94%.7 Further, every TECHS graduate has earned at least a semester of credit compared to the national average of 39% and the Ohio average of 80%. The average number of hours accrued by early college graduates across the nation is 368 while in TECHS the average is 56.4 for all students that graduated from TECHS and/or earned their associate degree(s).9

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9 Based on results for the Class of 2009-2016
Graduating with an Associate Degree

Two hundred fifty-seven of the 409 graduates of TECHS since 2009 have earned associate degrees. This 63% success rate is more than twice the national average.

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Further Success Indicators

**Not One, But Two Degrees**
Twenty-eight percent of the Class of 2016 (14 students) graduated with two associate degrees along with a high school diploma.

28%  
Class of 2016

**Beyond Early College High School**
In 2010, TECHS adopted a new emphasis on earning future bachelor’s degrees. Of the class of 2016, 96% plan to pursue additional college degrees or serve in the military.12

96%  
Class of 2016

**Plan to pursue a bachelor’s degree or the military**

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12 Based on results for the Class of 2016.
What are the Economic Benefits of Higher Education for Individuals and Society?

According to *Education Pays 2016*: 13

- Individuals with higher levels of education earn more, pay more taxes, and are more likely to be employed.
- College education increases the chance that adults will move up the socioeconomic ladder and reduces the chance that adults will rely on public assistance.
- College education is associated with healthier lifestyles and reduced health care costs.

Since 2009, there have been 409 TECHS graduates. Based on the potential median earnings for individuals with some college and/or an associate degree(s), TECHS graduates could collectively earn **an additional** $90,764,000 of net income and pay **an additional** $33,604,000 in taxes over their lifetime compared to graduates with only a high school diploma. The potential economic value only increases as students earn more degrees.

Potential ADDITIONAL Lifetime Net Income and Taxes Paid by 409 TECHS Students

$124,368,000

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