

IBM Newsroom

IBM Equips Youth with Tech Career Skills in Nationwide Network of High Performing P-TECH Schools

IBM's Innovative Education Model Marks Continued Expansion, Prepares Youth for College and "New Collar" Careers

PR Newswire
BROOKLYN, N.Y.

BROOKLYN, N.Y., Jan. 5, 2017 /[PRNewswire](#)/ -- Today, IBM (NYSE: [IBM](#)) announced that [P-TECH](#), the IBM-inspired six-year education model that is leading a national wave of career-focused technical education in nearly 60 schools across six states, has already graduated more than 50 students, including a new class of 16 graduates in January. All of these graduates completed the six-year curriculum ahead of schedule, earning both their high school and two-year college tech degrees, with some finishing in as little as 3.5 years. Some of their stories can be found [here](#).

P-TECH schools combine high school with a clear pathway to a community college degree, coupling strong academic rigor with workplace skills. IBM is committed to work with educators and businesses to create an additional 20 schools in the U.S. within the next year, growing the number of schools in the P-TECH network to 80 by 2017, with added expansion in the coming years. There are currently over 250 businesses partnering with P-TECH schools serving thousands of students.

The IBM-inspired P-TECH schools are designed to open new pathways to better prepare young people for college and for "new collar" careers in the United States – skilled positions that don't always require four-year college degrees. The schools make it easier to cultivate the science, technology, engineering, and math (STEM) skills that underpin some of the nation's fastest growing industries and new collar careers.

"The new economy requires us to equip our nation's students, with skills to succeed in college and new collar jobs, regardless of their income or zip code," said [Stanley S. Litow](#), IBM Vice President of Corporate Citizenship & Corporate Affairs and President of the IBM Foundation. "P-TECH's extraordinary early achievers who have already earned their associate degrees ahead of schedule, quite simply break the mold. We are committed to grow P-TECH to address the nation's skills crisis and prepare youth for new collar careers. Nothing is more critical to our nation's economic success."

"Our early graduates and young IBM hires show that American STEM talent can be achieved, pointing the

way to what is possible," said Rashid F. Davis, P-TECH Founding Principal. "Providing equal opportunity to underserved youth in our community is what success looks like. Starting here in Brooklyn, this model has taken off around the country, helping struggling students live up to their full potential and helping recharge economies."

The first P-TECH school in Brooklyn launched in 2011 as a public-private partnership among IBM, the New York City Department of Education, and the City University of New York. Within six years or less, students can earn both their high school and two-year college degrees in a STEM field. The academic curriculum is aligned to skills that employers are looking for. P-TECH students are paired with business mentors, gain practical workplace experience with paid internships and workplace visits, and successful graduates are first in line for available jobs.

P-TECH Brooklyn has achieved graduation rates that significantly surpass national community college completion rates, with 35% of students from the first P-TECH class in 2011 graduating one to two years ahead of schedule with both their high school diplomas and two-year college degrees. This contrasts with national data showing that only 20% of U.S. students complete a two-year community college degree in three years, after a four-year high school program. In addition to high student achievement, strong teacher support is evidenced by the school's 99% teacher attendance rate, tied for second highest among all New York City high schools.

Some of these graduates take jobs with IBM, mostly in "new collar" positions, in areas ranging from digital design to data analytics, while others pursue their bachelor's degrees.

The education model has taken off so far in six states, including New York, Connecticut, Illinois, Maryland, Rhode Island, and Colorado with plans in many of those states for more schools.

According to the Georgetown University Center on Education and the Workforce, "middle-skill jobs" now account for 36 percent of all jobs, much greater than those in retail, food, and manufacturing and personal services. The report also revealed that 99% of U.S. jobs (11.5 million jobs out of 11.6 million) created since the recession went to workers with at least some college education. Meanwhile, there were fewer jobs available for those with only a high school diploma.

IBM, together with many P-TECH schools and the City University of New York, created a website (www.ptech.org), making publicly available the formula, tools, and case studies to help other school districts, colleges, universities, and businesses establish new P-TECH schools across the nation.

For more information about the P-TECH story, journalists can access a press kit at <http://ibm.co/1IIYVqf>

IBM has a long-standing commitment to fostering diversity, tolerance and inclusion. The company understands that diversity goes beyond fair hiring practices and protection for all employees, and it firmly opposes discrimination of any kind toward anyone. IBM's ability to continually innovate is enhanced by building diverse teams and inclusive strategies across recruitment, hiring, training and career development. For example, to help diverse students be competitive when they enter the workforce, IBM recently launched a series of leadership workshops at college campuses affiliated with AMIE (Advancing Minorities' Interest in Engineering), a coalition of corporations, government agencies and ABET-accredited Historically Black colleges and universities in the U.S. For more information, go to ibm.com/diversity.

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