

New York State P-TECH

About P-TECH

New York State P-TECH is a public-private partnership that is preparing New York students for high-skill jobs of the future in technology, manufacturing, healthcare and engineering. Announced in February 2013 by Governor Andrew M. Cuomo, \$77 million in new state funding is now being provided through the New York State Education Department over nine years to support thirty-two new public-private partnerships, including sixteen schools that opened in September 2014, ten schools that opened in September 2015, and a third cohort of six partnerships that opened in September 2016.

NYS P-TECH is both an education and economic development initiative serving every region of the state. The P-TECH 9-14 model prepares students to be the highly skilled, critical thinkers and problem-solvers that our 21st century workforce requires. Each of New York State's innovative P-TECH schools brings together three essential partners: K-12 education, higher education and employers. The model offers an integrated six-year program, combining high school, college and career training for disadvantaged students who are provided the opportunity to graduate with a high school diploma, an Associate-level degree (at no cost) and the opportunity to be first in line for a job with participating businesses. The school design—drawn from research-based effective practices—offers a rigorous academic curriculum, targeted technical training, comprehensive workplace learning and individualized support services. While focusing on each student's pathway to success, the model also creates a robust talent pipeline to support local economic development and growth.

Through local partnerships, business and industry representatives work with education professionals to create a six-year scope and sequence that meets the specific requirements for real entry-level jobs. Skills mapping, a unique approach to curriculum development, ensures that the program delivers 21st century talent needs. This career focus is infused into every academic and technical course, providing relevant opportunities for students to hone skills, create projects and address complex problems through a multiple pathways approach. Project-based learning in authentic situations is an essential instructional approach.

The bedrock of NYS P-TECH is the partnership between the three sectors. Delivering on the promise of the P-TECH 9-14 model requires specific commitments from all partners. School districts and colleges must develop and implement a seamless six-year curriculum of rigorous academic and technical study with individual pathways for students of every academic level. Employers are responsible for identifying mentors, developing substantive workplace and classroom activities and providing Internships along with identifying future potential job opportunities. The effort requires innovative staffing, scheduling and instruction, and new relationships among faculty, school leaders and employers.

NYS P-TECH offers an innovative approach to school design. It nurtures community partnerships that will prepare more than 12,000 students with the secondary AND post-secondary credentials necessary for 21st century careers and builds a qualified talent pipeline for local employers.