Maryland Pathways in Technology
Early College High Schools (P-TECH)

P-TECH schools are innovative early college programs that create clear pathways from high school to college and career for young people from all academic backgrounds. In six years or less, students graduate with a high school diploma and a no-cost, associate's degree. Each P-TECH school works with industry partners and a local community college to ensure an up-to-date curriculum that is academically rigorous and economically relevant. The program also includes one-on-one mentoring, workplace visits and instruction on the skills needed for the industry and paid internships and first-in-line consideration for job openings with a school's partnering companies.

Key features of a P-TECH School

Focus on Careers: P-TECH schools help students expand their understanding of potential careers and enable them to acquire the skills and experiences they will need to thrive in those careers. P-TECH students are matched with industry mentors and have opportunities to participate in workplace visits and internships. Employers are integral partners in the development of the P-TECH school. They create an up-to-date skills map for the industry/sector that identifies essential job requirements and collaborate with the school system and community college to identify the associate's degree program that will ensure students meet industry expectations. Their involvement helps students understand the connection between coursework and the "real world" expectations of the workplace. P-TECH graduates receive graduates first in line consideration for employment by industry partners.

Focus on College: P-TECH schools enable students to gain critical academic, technical, and workplace skills through the attainment of an in-demand, industry-recognized associate's degree at no cost. Students participate in a rigorous, relevant academic and career pathway that starts in grade nine (9) and culminates in the attainment of an associate's degree and high school diploma in up to six (6) years. The career pathway is focused on the knowledge and skills students need for targeted jobs in high-tech, high demand fields. Students receive intensive, individualized academic support by high school and college faculty within an extended academic year or school day that enables them to progress through the program at their own pace.

Diverse Students Body: The P-TECH model recognizes that the students who are least likely to complete a college degree are those most in need of early and engaging college experiences. The administration of a Maryland P-TECH school will reserve at least 50% of the available space for students who meet the free and reduced price meal income criteria.

Larry Hogan
Governor

Justin Hartings, Ph.D.
State Board President

Karen B. Salmon, Ph.D.
State Superintendent of Schools

Maryland's P-TECH Sites
(Total Projected Enrollment for 2018/2019 SY is 584 students)

School System/ Community College	School	Industry Lead	Career Pathways	Projected Enrollment 2018/2019
Baltimore City/ Baltimore City Community College	Paul Laurence Dunbar High School	Johns Hopkins Hospital, Kaiser Permanente and University of Maryland, Baltimore	Nursing, Respiratory Care, Physical Therapy Assistant	50 freshmen 45 sophomores 42 juniors
	Carver Vocational Technical High School	IBM	Cyber Security Assurance and Computer Information Systems	50 freshmen 47 sophomores 32 juniors
	New Era Academy	Port of Baltimore and United States Coast Guard	Supply Chain Management	25 freshmen 1st cohort in fall of 2018
Allegany County/ Allegany College	Allegany Career and Technology Center	Western Maryland Health Systems	Information Technology, Cyber Security	25 freshmen 23 sophomores
Prince George's County/Prince George's Community College	Frederick Douglass High School	Medstar Health	Health Information Management	30 freshmen 32 sophomores
		Marriott Hotels	Hospitality Services Management	30 freshmen 29 sophomores
Baltimore County/ Community College of Baltimore County	Dundalk High School	Whiting-Turner Contracting, KCI Technologies, Black and Decker, and Alban CAT	Engineering Technology	60 students 1st cohort in fall of 2018
Montgomery County/ Montgomery College	Clarksburg High School	Daly Computers, Inc. and the Information Technology Foundation	Network and Information Technology	64 students 1st cohort in fall of 2018