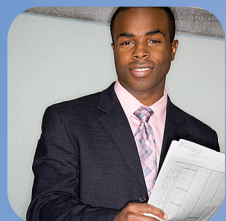




Ready for a challenge?



**Looking to get a step ahead
toward a rewarding career?**



**Ask your school counselor
about P-TECH.**

College partner

SUNY  BROOME



For more information, call

BOCES' Center for Career & Technical Excellence 607-766-3712

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Pathways to Your Future



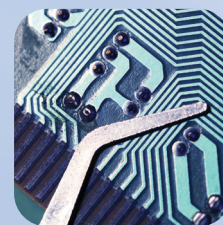
Problem Solving



Math



Computer



Technology



Communication



**Early college high school
Your college and career connections at work**

P-TECH PATHWAYS



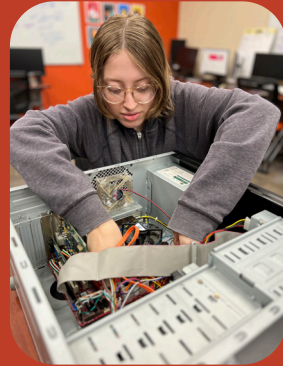
Our program

Students in 8th grade in participating districts are invited to apply to the **Pathways in Technology Early College High School (P-TECH)** program. This is a six year program (grades 9-14). Details regarding the recruitment and application process are available from middle school counselors. Students who are selected earn a Regents diploma, an associate degree from SUNY Broome and participate in ongoing work-based learning opportunities.

Students receive academic support from high school and college faculty with an individualized focus based on their goals and needs. Courses are co-taught by a variety of academic and technical teachers with specific industry skills and training.

Students work in a project-based, high-tech learning environment created to simulate real world problem solving and creativity. Students graduate high school with several college credits and are supported throughout their college experience. Summer enrichment and employment opportunities are important components of the program.

P-TECH prepares students to earn an associate degree in one of three fast growing technical areas: computer technology, engineering technology or health studies.



Computer Technology

Student interests/abilities: Problem solving, math, science, puzzles, computers, technology, logic games

Pathway highlights: Robotics, building circuits, programming, web design, networking, app design, artificial intelligence investigation

Degree: Computer Technology A.A.S.

Job Opportunities: Computer operator, technician/programmer, engineering aide, network administrator, IT specialist, PC/LAN technician



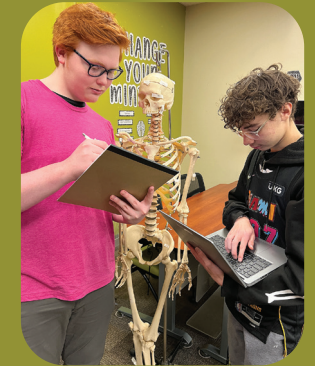
Engineering Technology

Student interests/abilities: Problem solving, math, science, building model structures, 3-D printing, drawing on the computer, mechanical functions, architecture

Pathway highlights: Design and build roller coasters and cardboard furniture, Rube Goldberg projects, catapults and bridges; launch rockets, robotics, learn AutoDESK

Degree: Civil Engineering Technology A.A.S., Mechanical Engineering Technology A.A.S., Manufacturing Technology A.A.S., Electrical Engineering Technology A.A.S.

Job Opportunities: Civil engineering technician, mechanical engineering technician, manufacturing technician, electrical engineering technician.



Health Studies

Student interests/abilities: Problem solving, math, science, technology, collaboration, critical thinking, 21st century skills, stress management, personal success and goal setting, communication and decision making

Pathway highlights: Medical Terminology, mental health, nutrition, health careers, professional career preparation, . Stop the Bleed Certification, First Aid Certification, CPR/AED Certification

Degree: Health Studies A.A.S., Nursing A.A.S.

Job Opportunities: Medical assistant, EMT, lab technician, medical office administration, nursing, ECG technician, phlebotomist, clinical patient care

Valued Industry Partners



BAE SYSTEMS



RAYMOND



Pathways in Technology Early College High School

