Ready for a challenge?

Looking to get a step ahead toward a rewarding career?

Ask your guidance counselor about P-TECH.

Our founding business partners

Bothar Construction, LLC
Lockheed Martin
Delta
Lourdes
Ascension

Our partner districts
Binghamton
Chenango Valley
Harpursville
Johnson City
Maine-Endwell
Owego-Apalachin
Susquehanna Valley
Union-Endicott
Whitney Point
Windsor

For more information, call
BOCES’ Center for Career & Technical Excellence 607-763-3423
Our program

Students entering grade nine are selected based on an application and recommendations to partner with the Pathways in Technology Early College High School (P-TECH) program for six years (grades 9-14). In that time, students earn a regents diploma, an associate degree from SUNY Broome, and participate in ongoing one-on-one mentoring from specially selected professionals working with industry partner organizations.

Students receive intensive, individualized academic support from high school and college faculty. 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 stimulate real world problem solving and creativity. Students graduate high school with several college credits and are supported throughout their college experience. After-school and summer support 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.

**Course highlights:** Robotics, building circuits, programming microprocessors, web design, network debugging, scratch programming, and app design.

**Degree:** Computer Technology A.A.S

**Job opportunities:** Computer operator, technician/programmer, engineering aide, network administrator.

**Engineering Technology**

**Student interests/abilities:** Problem solving, math, science, building model structures, drawing on the computer, mechanical functions, architecture.

**Course highlights:** Build and design roller-coasters, catapults and bridges, launch rockets, robotics, learn computer assisted drawing (CAD), Rube Goldberg projects, and solar cookers.

**Degree:** Civil Engineering Technology A.A.S or Mechanical Engineering Technology A.A.S

**Job opportunities:** civil or mechanical engineering technician.

**Health Studies**

**Student interests/abilities:** Problem solving, math, science, computers, working with people, use of technology, communication, decision making.

**Course highlights:** Zombie apocalypse, dissection, blood type testing, medical diagnosis, prostatic building, bio material analysis of tattoos, breaking down the chemistry of food.

**Degree:** Health Studies A.A.S

**Job opportunities:** Medical assistant, pharmacy technician, surgery technician, health information technologist.