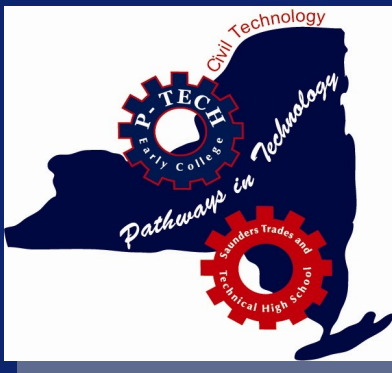


YONKERS

P-TECH

PATHWAYS

IN TECHNOLOGY



**Saunders Trade & Technical
High School**

183 Palmer Road, Yonkers NY 10701

Phone: (914) 376-8150

www.saunders.ypschoools.org



Student Projects: Architecture Open House



“NYS P-TECH offers an innovative approach to equip today's students with the skills they'll need to succeed.

A highly skilled workforce is a critical element in local economic development.

The Business Council and our members are pleased to be partners at the state level and in each local collaboration.

We are eager to roll up our sleeves and start planning these new schools.”

- Heather C. Briccetti, president and CEO of The Business Council of New York State



WHAT IS P-TECH?

P-TECH is a “9-14” academic and career program that enables students to begin their college and professional lives more quickly and with more support than the typical school-to-work pathway. Graduates of P-TECH have the opportunity to earn an associate degree and leave the school with the skills and knowledge they need in order to continue their studies or step seamlessly into competitive jobs in architecture, engineering construction, surveying, landscape design, and estimating and facilities management.

Starting in the ninth grade, students will be matched with a business mentor, take college level courses, and gain professional work experience during their high school years. After six years, graduates will earn **both a New York State Regents diploma and an Associate in Applied Science (AAS) Degree in Civil Technology from Westchester Community College.**

STUDENTS START CAREERS EARLY

P-TECH partners with industry leaders, giving students the experience they need to secure lucrative, high-level careers in architecture, construction or engineering fields. P-TECH's comprehensive work-based learning program includes visits from industry experts, internships, shadow days, coaching and mentoring and part-time employment.

STUDENTS EARN COLLEGE CREDIT AT NO COST

P-TECH is funded through a New York State grant program and is delivered at no cost to students or their families. This means that P-TECH students will be enrolled in a **two-year college degree program** and an **industry-based career development program free of charge.**

EQUITY AND OPPORTUNITY

Saunders' P-TECH program is open to all incoming ninth graders from all throughout the Yonkers School District, a vibrant learning community of 26,000 students from 100 cultures, backgrounds and nationalities.

Students within the community are often faced with unique economic and social challenges that can impede their ability to succeed.

P-TECH offers an unique opportunity for students who may not have considered college or a career in architecture, engineering construction, surveying, landscape design, and estimating and facilities management. It also allows for the opportunity for a lucrative career in respected pro-



Saunders is selected as the School of the Month - September 2014



SAUNDERS ARCHITECTUAL TECHNOLOGY PROGRAM

The Architectural Technology program at Saunders High School offers courses in design, building materials, construction documents, design graphics, and computer-assisted design and drafting. Our comprehensive program provides students with the discipline and critical thinking skills necessary to transfer to a broad range of colleges & universities and the training and technical skills to gain employment with large amount of firms in this area that hire our graduates

EXPERIENCES LOCAL BUSINESSES CAN OFFER

Students are exposed to a continuum of workplace learning experiences during the six year program. Employers can get involved in a variety of ways.

In the first and second years of the program, students begin to develop **career awareness** through **guest speakers** and **mentorships**, as well as **work-site visits** provided by local employers.

In years three and four, students become involved in **career preparation** through **project based learning**, **job shadows**, and **internships**.

Students in their fifth and sixth year start applying what they have learned through more **in-depth internships** and **apprenticeships**.

Years 1-2

Career Awareness

- Guest Speakers
- Field Trips
- Career Fairs
- Mentorships
- Sophomore Project
- Architecture Open House

Years 3-4

Career Preparation

- Project-Based Learning
- Job Shadows
- Serving Learning
- Internships
- Mentorships
- Junior & Senior Project
- Architecture Open House

Years 5-6

Career Application

- Deep internships
- Paid apprenticeships
- Mentorships

PARTNERS WITH YONKERS P-TECH



Westchester
Community College

State University of New York

DIVNEY • TUNG • SCHWALBE
Intelligent Land Use



Frank S. Costa, R.A., A.I.A.



COMPONENT ASSEMBLY
SYSTEMS, INC.



ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING

Transit Construction Corp.



MentorPlace

PRA Enterprises

Education and Diversity Consulting

THE IMPORTANCE OF OUR PARTNERS

The essential part to the success of **Saunders High School** is rooted with the partnerships. Involvement of key partners must be sustained and systemic.

From community engagement to lesson planning, the **YONKERS P-TECH** program at Saunders High School benefits from each partner's contributions. This includes strong **curriculum** and **lesson planning** from teachers and administration, regular **family engagement** and **involvement**, **resources** and **mentoring** from **business and college partners**, and expanded **encouragement** and **support** from community and school districts.

What role do regional industry partners play? The **regional business partners are committed to serving as mentors for students throughout their P-TECH career, meeting with them** in person and by virtual communication, as well as guiding **internships** and putting P-TECH graduates in line for **jobs** within their companies.

DO YOU WANT TO GET INVOLVED?

PLEASE CONTACT:

Mr. Steven Mazzola, Principal

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Angelo Petrino, P-TECH Coordinator

Email: apetrino@yonkerspublicschools.org

OR YOU CAN CALL: (914) 376-8150