

BE MORE

Dare to be Different!

You may go into PTECH with some uncertainty about your future, but you'll come out with a career plan and skills that will set you apart from the rest.

What are you waiting for?

To Apply:

Get an application from your Guidance Counselor
OR
Go to: www.adkecca.org

Application Deadline:

Submit your application to your Guidance counselor by APRIL 1st

Questions?

email: ecca-ptech@wswhoboces.org
website: www.adkecca.org & www.sadkptech.org



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PTECH PROGRAM OVERVIEW

Year 1: 9th Grade at Home School

- After-School and Evening Activities at Various Locations
- Saturday Seminars at Various Locations
- Field Trips
- Weeklong Summer Session (1 College Credit)
- Enroll in Project Lead the Way Course or technology courses at Home School

Year 2: 10th Grade at Home School

- After-School and Evening Activities at Various Locations
- Saturday Seminars at Various Locations
- Field Trips
- Weeklong Summer Session (1 College Credit)
- Enroll in Project Lead the Way Course or technology courses at Home School

Years 3 & 4: 11th and 12th Grades

Half of your day will be spent at one of the SUNY Adirondack campuses and half of your day will be at your home school. Electrical Technology/Mechatronics/Advanced Manufacturing and IT/Computer Networking & Cybersecurity are offered at SUNY Adirondack's Queensbury and Saratoga campuses.

For Electrical Technology/Mechatronics/Advanced Manufacturing students, the following college courses are recommended:

11th Grade at College

Advanced Manufacturing 101
Freshman Seminar 110
Introduction to Networking 131
Electrical Technology 103
Math 108

12th Grade at College

Advanced Manufacturing 102
Electricity 1 TEC 119
English 101
Chemistry 103
Speech 111

For IT/Computer Networking & Cybersecurity students, the following college courses are recommended:

11th Grade at College

IT Essentials 101
Introduction to Networking 131
Network Fundamentals 133
Freshman Seminar 110
Math 108

12th Grade at College

IT Essentials 102
English 101
Speech 111
Routing Protocol 134
Network Security 135

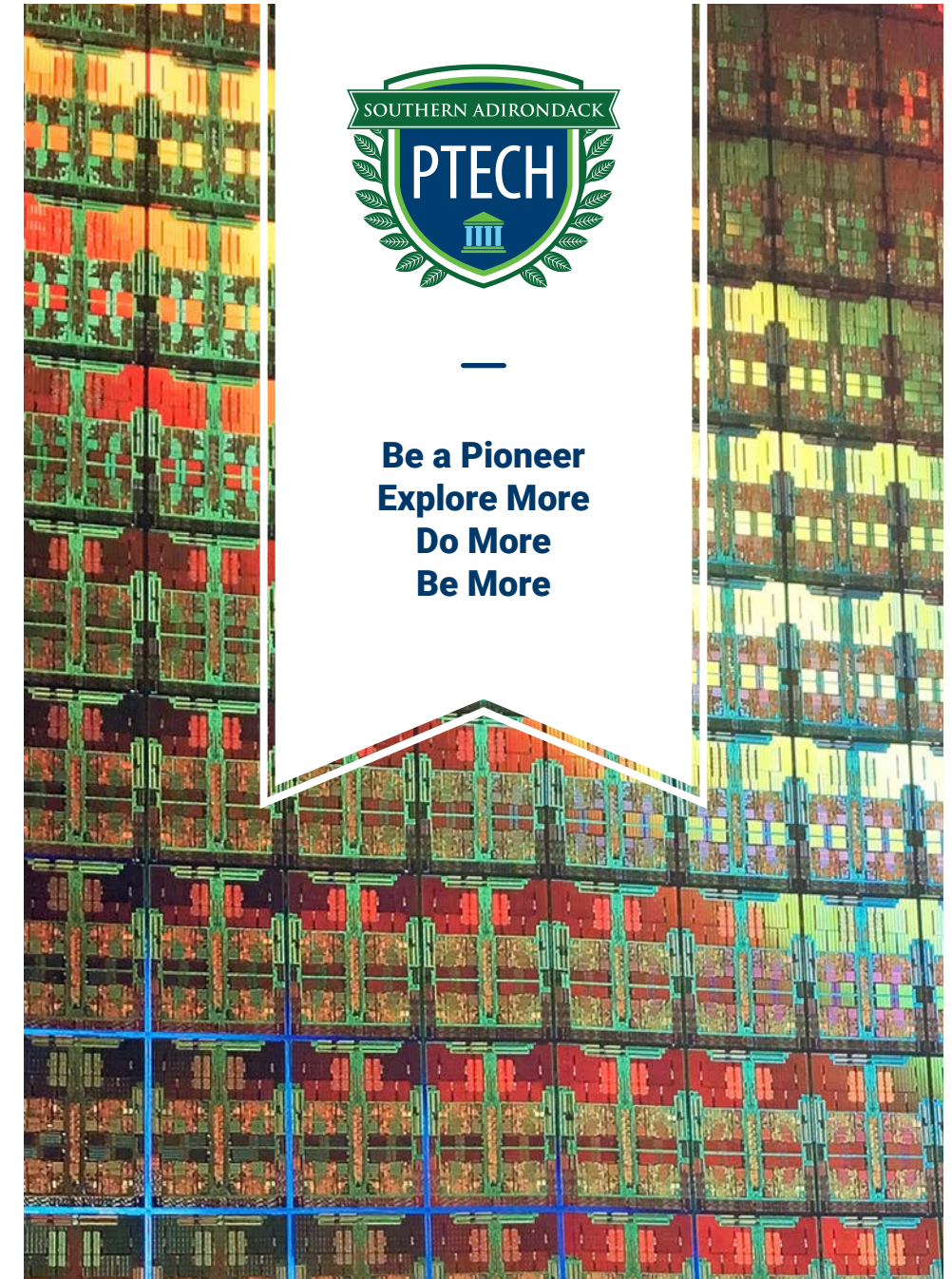
Plus, you'll still have time for high school clubs and sports!

Years 5 & 6: College Freshman and Sophomore

Depending on the career pathway chosen, students in years 5 & 6 will complete their college course requirements to earn an Associate in Applied Science degree (AAS) in either Electrical Technology/Mechatronics or IT/Computer Networking & Cybersecurity. Coursework will vary depending upon a student's academic pace.



Be a Pioneer
Explore More
Do More
Be More



BE A PIONEER

What is PTECH?

PTECH stands for "Pathways in Technology." It is a unique six year program that gives high school students the experiences, practical skills, qualifications and certifications they need to secure rewarding careers in technology-based industries. The Southern Adirondack PTECH is a partnership between your high school, WSWHE BOCES, SUNY Adirondack, and many local industries.

PTECH students are incoming ninth graders who will, in parallel, earn a NYS Regent's high school diploma from your high school and an associate's degree from SUNY Adirondack at no cost to you or your family.

How do you know if you are a good candidate for PTECH?

A student who will succeed in PTECH is:

- Motivated to learn in new and exciting ways
- Innovative and creative
- Interested in math and technology
- Able to think 'outside-the-box' and on their feet
- Works well in teams
- Excels when in a non-traditional classroom

PTECH targets the following student populations:

- Students with average grades
- First generation college bound students
- Students from lower income families
- Students with educational challenges

EXPLORE MORE

What's in it for me?

PTECH is not your typical high school experience – it's a pathway through high school to college then industry.

Southern Adirondack PTECH has two pathways:

- Advanced Manufacturing/Electrical Technology/Mechatronics
- IT/Computer Networking & Cybersecurity

Students work in project-based, high-tech learning settings that have been created to simulate real-world workplaces. You will learn what you like, what you don't like, and be able to explore what life after school could look like.

How do I earn a high school diploma and college degree at the same time?

- Years 1 & 2: you will participate in after-school enrichment programs, summer camps and PLTW/technology courses
- Years 3 & 4: you will spend a half day at your high school and the other half at SUNY Adirondack. You will finish up your high school degree requirements by the end of year four
- Years 5 & 6: you will attend SUNY Adirondack completing your associate's degree

What other benefits are there?

- Develop relationships with students from outside of your school, the college, and local businesses and business leaders
- You get hands-on access to really cool technology that your classmates don't, you get to go on interesting field trips, and earn highly sought after industry certifications
- Mentoring and counseling to make sure you are on track both at your high school and the college
- The entire program is provided at no cost to you or your family!!

DO MORE

What will I do in PTECH?

In PTECH, in addition to earning a NYS Regent's diploma and an associate's degree from SUNY Adirondack, you'll get the opportunity to:

- **Learn about yourself** and build upon your strengths, and strengthen your weaknesses
- **Build your personal and professional networks** through program activities and work with industry mentors
- **Increase your communication and teamwork skills** by participating in camps, enrichment activities, special events, and group projects
- **Engage in work-based learning** through industry challenge projects, company tours, job fairs and job shadowing
- **Develop a career plan** you feel good about
- **Train for a career** you are interested in
- **Get connected** to regional employers through program participation

STUDENT SPOTLIGHT

Shawn Miller, a 2019 graduate of Hudson Falls High School, learned about PTECH in eighth grade. "By the end of eighth grade I was clueless as to what I wanted to do for a career. While I'm still not completely sure, the PTECH program has helped guide me in the right direction. Ultimately it led me to finding a passion in CNC machining which has turned into employment at a local machine shop.



The PTECH program helped me gain a sense of individuality and self confidence. Then in the Early College Career Academy through I found out that I'm truly interested in pursuing a career in STEM.

During the PTECH program I learned that you must be accountable for your own actions, and you must right any wrongs you've allowed to happen. I also learned many life lessons with Mr. Simpson."

