



# FIND YOUR Pathway

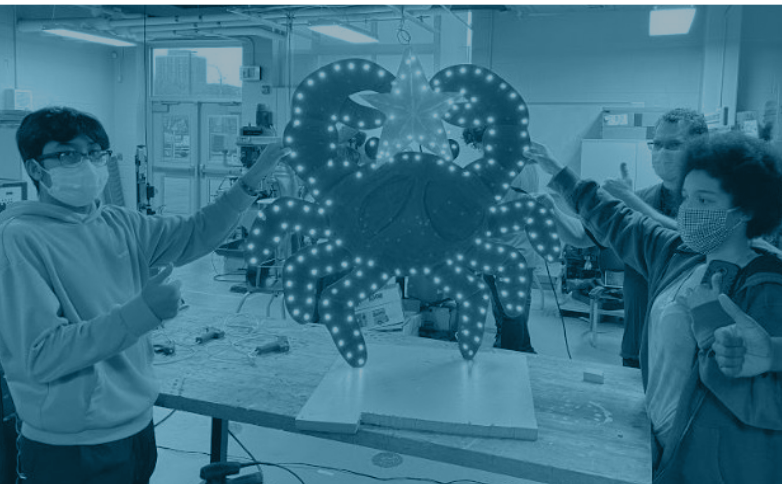
**SC** SYRACUSE  
**SD** CITY SCHOOL  
DISTRICT



## 2022-2023 HIGH SCHOOL CHOICE

Automotive Technology · Barbering · Biotechnology · Business Technology · Clinical Laboratory Technician · Computer Forensics · Computer Information Systems · Construction Technology · Cosmetology · Culinary Arts · Cybersecurity · Electrical Technology · Electrical Trades · Emergency Medical Technician · Fire/Rescue · Forensic Science · Geospatial Technology · Health Information Technology · Health Professions · International Baccalaureate (IB) · Law Enforcement · Manufacturing Technology Pre-Apprenticeship · Mechanical Technology · Media Communications · Medical Assisting · Natural Resources · Navy National Defense Cadet Corps · Remotely Piloted Aircraft Systems (RPAS) · Urban Teaching Preparation · Welding





## Dear SCSD Community,

In the Syracuse City School District, our vision is to prepare and inspire all of our students to innovate locally and contribute



globally. One of the ways we help encourage this is by developing programs of study in line with student interests that also align with high-demand industries.

Currently, we offer 27 Career and

Technical Education (CTE) programs in our five high schools. Each of these programs is outlined for you in this book. These programs offer students hands-on learning and unique experiences that provide them with a head start in their college and career preparation. They offer students the ability to network with local professionals who serve as Career Coaches and provide opportunities for resume-building internships and job openings. Students are able to gain college credits and industry credentials that will set them ahead.

Perhaps most importantly, they provide students with the skills and confidence they need to enter the workforce. A number of our students have taken advantage of the connections made during their time in our CTE programs to secure employment upon program completion.

In addition to the standard CTE pathways, six of our programs are Pathways in Technology Early College High School (P-TECH). These rigorous five or six year programs offer the same benefits of the CTE programs, but with the added advantage of allowing students to complete high school and simultaneously earn an Associate's degree.

I encourage you to take a moment to explore the CTE and P-TECH offerings available to Syracuse City School District students. Your future is in your hands – let us help you discover your path to **#SCSDSuccess!**

**Anthony Q. Davis**  
INTERIM SUPERINTENDENT



EMPOWERING OUR  
**Students**  
THROUGH  
**Innovative  
Partnerships**





# CONTENTS

## CTE Pathways

|                                   |    |
|-----------------------------------|----|
| Automotive Technology .....       | 4  |
| Barbering.....                    | 4  |
| Business Technology .....         | 5  |
| Computer Forensics.....           | 5  |
| Construction Technology .....     | 6  |
| Cosmetology.....                  | 6  |
| Culinary Arts .....               | 6  |
| Cybersecurity .....               | 7  |
| Electrical Trades.....            | 7  |
| Emergency Medical Technician..... | 8  |
| Fire/Rescue .....                 | 9  |
| Forensic Science.....             | 9  |
| Geospatial Technology.....        | 9  |
| Health Professions.....           | 10 |
| Law Enforcement .....             | 10 |
| Manufacturing Technology .....    |    |
| Pre-Apprenticeship .....          | 11 |
| Media Communications .....        | 11 |
| Medical Assisting .....           | 12 |
| Natural Resources.....            | 12 |
| Urban Teaching Preparation .....  | 13 |
| Welding .....                     | 13 |

## P-TECH

|                                     |    |
|-------------------------------------|----|
| Electrical Technology.....          | 15 |
| Mechanical Technology .....         | 15 |
| Clinical Laboratory Technician..... | 16 |
| Health Information Technology ....  | 16 |
| Computer Information Systems ...    | 17 |
| Remotely Piloted Aircraft .....     |    |
| Systems (RPAS).....                 | 17 |

## Choice Programs

|                                      |    |
|--------------------------------------|----|
| Biotechnology .....                  | 18 |
| NNDCC.....                           | 18 |
| International Baccalaureate (IB) ... | 19 |

## Apply

|                    |    |
|--------------------|----|
| How to Apply ..... | 20 |
|--------------------|----|

## Partnerships

|                        |    |
|------------------------|----|
| Partner with Us! ..... | 21 |
|------------------------|----|



## Automotive Technology

 **LOCATED AT: ITC**

It takes more than the turn of a key to make a car run. Working on today's cars requires an understanding of the science and technology utilized in the design of modern automobiles. In the Automotive Technology program at ITC, students spend time in the classroom and then apply what they've learned on real cars in our state-of-the-art facilities.

Training includes diagnosis and repair of all automotive systems using modern tools and diagnostic equipment, with an emphasis on:

### **LEARN ABOUT**

- \* Engine management systems
- \* Driveability
- \* Drivetrain systems
- \* Chassis
- \* Maintenance
- \* Electric Cars

### **CAREER PATHS**

Professional Mechanic, Body Shop Technician, Automotive Repair, Garage Owner

## Barbering

 **LOCATED AT: PSLA**

Are you a creative, artistic person? Do you like working and socializing with others? Would you like to own your own business someday? If so, the Barbering program at PSLA at Fowler might be for you.

Barbering students can work and learn in our barbershop at PSLA at Fowler while gaining hands-on experiences in this exciting field. Students learn how to deal with clients, maintain a professional work environment and provide professional services to real customers.

Mixing classroom instruction with practical experience, barbering students learn the important skills necessary to prepare for the New York State written and practical examinations. Students completing the program can apply for their temporary New York State license.

### **CAREER PATHS**

Hair Stylist, Barber, Business Owner





## Business Technology

 **LOCATED AT: NOTTINGHAM & PSLA**

SCSD CTE Business Technology programs offer students the skills necessary to pursue business or finance degrees in college and learn about running a successful business. Students will have opportunities to earn college credits, participate in work-based learning experiences and receive industry credentials.


### **LEARN ABOUT**

- \* Owning your own business
- \* Controlling your money; budgeting, investing, banking
- \* The role of business in sports, entertainment, fashion, etc.
- \* Business leadership and management

### **CAREER PATHS**

Business Owner (Entrepreneur), Accountant, Manager, Human Resources/ Personnel Specialist, Shipping/Receiving Clerk, Real Estate Broker, Music/Film Producer, Financial Services/ Banker, Hospitality Manager, Sports Marketing Manager, Information Systems, Chief Executive Officers.

FOSTERING CREATIVE  
**Thinkers**

 COLLECT  
EXAMINE  
ANALYZE

## Computer Forensics

 **LOCATED AT: PSLA**

There are secrets and hidden details locked inside every computer. It takes a skilled Computer Forensics professional to find them and bring a criminal to justice.

From auction fraud to social engineering, from email scams to phishing — in Computer Forensics at PSLA at Fowler, you'll learn techniques to search for, preserve and analyze information on computer systems to find potential evidence for a trial.

### **LEARN ABOUT**

- \* Computer crime laws
- \* Collection and management of evidence
- \* Analyzing computers that might contain crime-related information
- \* Preparing computer evidence for courtroom testimony


### **CAREER PATHS**

Information Technology, Law Enforcement, Computer Forensic Specialist, Digital Forensics Expert





## Construction Technology

 **LOCATED AT: NOTTINGHAM**

The Construction Technology program teaches students the essential skills needed to begin a career in the building and construction trades. Students will gain knowledge and hands-on experience in the basics of carpentry, drywall, painting, framing, roofing, floor installation, door and window installation, blueprint reading, siding, electrical wiring, plumbing, proper tool use, and OSHA safety training.

Students will learn through class activities, projects, and community service. Construction Technology students at Nottingham High School can earn OSHA safety certification and the opportunity to receive the Core, Laborer 1 and Laborer 2 credentials.

### **CAREER PATHS**

Construction Worker, Framing Carpenter, Painter/Wall Coverer, Roofer, Carpenter, Electrician, Plumber, Concrete Finisher, Drywall Finisher, Glazier & Glass Worker, Tile/Floor/Window Installer

 **BUILD  
IMPROVE  
REPAIR**



## Cosmetology

 **LOCATED AT: PSLA**

Have you ever dreamed of owning your own salon? Are you interested in skin and nail care? Our Cosmetology program can prepare you for many careers in these interesting fields.

Cosmetology students can work in our real salon at PSLA at Fowler to gain hands-on experiences in many aspects of these professions. Students receive lessons on everything from proper people skills to nail, skin and hair care while providing services to students, staff and community members.

Through class instruction and working in the salon, students will be immersed in the field and gain practical experience as well as preparation for the New York State written and practical examinations. Upon completing the program, students will be issued an application for their temporary NYS license.

### **CAREER PATHS**

Stylist, Business Owner, Manicurist/ Pedicurist, Esthetician, Cosmetologist

## Culinary Arts

 **LOCATED AT: ITC**

Whether you just love to cook or want to own your own restaurant, students in our Culinary Arts program at ITC can learn classical culinary techniques and restaurant management essentials through lecture, hands-on experience and project-based learning.

### **LEARN ABOUT**

- \* Pastry and baking techniques
- \* Food preparation and service
- \* Cooking methods for common dishes
- \* Restaurant management
- \* Food and kitchen safety

### **CAREER PATHS**

Chef, Pastry Chef, Line Cook, Restaurant & Banquet Management





## Cybersecurity

 **LOCATED AT: PSLA**

We live in a digital world. Whether it's keeping in touch with friends, operating a city's energy grid or strengthening national security, it happens online. The need to secure our networks has never been greater.

The number of cyber-attacks increase dramatically every year, and people with technical skills are needed to ensure online security. As a student in the Cybersecurity program at PSLA at Fowler, you'll learn how to make online information more secure and protect users from the growing threat of cyber-attacks. This program teaches the core concepts needed to understand, assess and protect information security systems.

### **LEARN ABOUT**

- \* Networking
- \* Operating Systems
- \* Systems Administration

### **CAREER PATHS**

Security Manager, Cyber Threat Analyst

## Electrical Trades

 **LOCATED AT: PSLA**

With rapid advancements in our technology, electricians are in high demand and will continue to be far into the future. From designing lighting systems to installing streetlights and intercom systems to learning about the latest renewable energy concepts including solar, wind and geothermal technologies — this PSLA at Fowler program provides the hands-on skill development and technical training you need to secure entry-level employment (or higher) in the electrical trades field.

### **LEARN ABOUT**

- \* Key theories behind digital electronics and circuitry
- \* Installation of switches and receptacles
- \* Intricacies of wiring
- \* Connections and conductors

### **CAREER PATHS**

Electrician, Transmission Technician, Emergency Lineman, Residential Wireman

**FIND OUT MORE BY VISITING  
SYRACUSECITYSCHOOLS.COM/CTE**





→ RESPOND  
ASSESS  
TRANSPORT

## Emergency Medical Technician

📍 LOCATED AT: PSLA

When the situation is at its worst and every second counts, Emergency Medical Technicians (EMTs) are at their best! EMTs are first responders, assessing dangerous situations and stabilizing the sick or injured — all while maintaining patience, understanding and compassion.

The EMT program at PSLA at Fowler trains students to function independently in a medical emergency and provide pre-hospital care at the scene or during transport. Students can earn the NYS Emergency Medical Technician Certification.

### 📖 LEARN ABOUT

- \* Basic Life Support (BLS) and Cardiopulmonary Resuscitation (CPR) (Certification in both)
- \* Basics for handling cardiac and respiratory arrest, heart attacks, seizures and diabetic emergencies
- \* Managing traumatic injuries
- \* Conducting patient assessment, history and vital signs

### 👜 CAREER PATHS

Emergency Medical Technician, Paramedic

FIND YOUR

# Dream Career

VISIT [SYRACUSECITYSCHOOLS.COM/CTE](https://www.syracusecityschools.com/cte)



## Fire/Rescue

 **LOCATED AT: PSLA**

It takes a special set of skills to become a firefighter: courage, strong communication and the ability to make quick decisions, not to mention physical strength and stamina. Firefighters are required to enter burning buildings to extinguish a fire and rescue individuals and operate a variety of specialized equipment while doing so. In addition, one of the major roles of the job doesn't involve fire at all and that's responding to medical emergencies and providing emergency medical care.

Students in the Fire/Rescue program at PSLA at Fowler learn about fire prevention and develop critical skills necessary to handle the challenges and demands of fire protection.

### **LEARN ABOUT**

- \* Fire awareness, safety management
- \* Tactics and operation
- \* Hazardous materials
- \* Fire hydraulics
- \* Internship with Syracuse Fire Department

### **CAREER PATHS**

Firefighter, Fire Protection Professional, Industrial Fire Safety Professional, Fire Investigator



## Forensic Science

 **LOCATED AT: PSLA**

You know what a Crime Scene Investigator (CSI) looks like on television. Now, get to know the real career. Forensic Science plays a vital role in the criminal justice system by providing investigators with scientifically based information through the analysis of physical evidence.

### **LEARN ABOUT**

- \* Collecting and preserving evidence found at crime scenes, including measuring, recording and analyzing chemical substances (tissue samples, physical materials and ballistics evidence)
- \* Communicating with experts in fingerprinting, ballistics, handwriting, electronics, documents, chemistry, medicine or metallurgy to interpret evidence
- \* Reconstructing crime scenes and testifying as a witness in trials or hearings

### **CAREER PATHS**

Crime Scene Investigator, Private Investigator, Law Enforcement

## Geospatial Technology

 **LOCATED AT: PSLA**

Anyone who has ever tracked down driving directions on the internet has used a geographical information system (GIS). Simply put, GIS can be thought of as high-tech mapping, but it's so much more. GIS professionals use information about the earth and the objects found on it to assess real-world problems and provide solutions in almost every industry.

GIS specialists make devices that view and analyze geographic data that can be used for choosing school sites, planning distribution networks, responding to emergencies, or redrawing government boundaries.

In the Geospatial Technology program at the Public Service Leadership Academy at Fowler, you will learn to capture, edit, store, manipulate, and analyze a variety of data that are used to create a display such as internet mapping sites.

### **CAREER PATHS**

GIS Specialist, Advanced Visualization Specialist, Aeronautical Analyst, Military Analyst, Earth and Orbit Scientist, Radar Image Scientist, Thermal Infrared Image Scientist, Geospatial Data Steward





## Health Professions

 **LOCATED AT: HENNINGER**

Healthcare Professions are the fastest growing occupations in the United States.

The Health Professions program at Henninger provides an edge for students with a desire to enter a variety of health careers. Our program will introduce students to infection control, medical terminology, human growth and development, anatomy and physiology, structure and function of body systems, the study of diseases and the disease process, healthcare technology, medical ethics and jurisprudence, standards of professional conduct, patient communication and the fundamentals of patient care.

### **CAREER PATHS**

Physician, Medical Imaging, Medical Biotechnology, Medical Technology, Physician Assistant, Physical Therapy, Radiation Therapy, Respiratory Therapy



TEAMWORK  
HELPING  
HEALING

## Law Enforcement

 **LOCATED AT: PSLA**

With advances in technology and the ongoing threat of terrorism, homeland security and the demand for highly skilled law enforcement professionals has never been more apparent. A highly trained law enforcement workforce must be equipped to meet the challenges of today's national security.

### **LEARN ABOUT**

- \* Training in DNA analysis
- \* Surveillance expertise
- \* White-collar crime tactics
- \* Services instituted since 9/11
- \* Cadet training

### **CAREER PATHS**

Law Enforcement, Private Investigator, FBI Agent, State Trooper, Secret Service Agent, US Marshall, ATF Agent





## Manufacturing Technology Pre-Apprenticeship

 **LOCATED AT: CORCORAN**

Good paying manufacturing jobs are growing at the fastest rate in 23 years. Employers are eager to hire people with the right skills. The Pre-Apprenticeship pathway at Corcoran will prepare students to be first in line for a Registered Apprenticeship as an Industrial Manufacturing Technician.

### **LEARN ABOUT**

- \* Career coaching from local businesses
- \* Workplace visits
- \* Job shadowing
- \* Internships

### **CAREER PATHS**

Assemblers, Automation Technician, CNC Operator, Electronic Assembler, Forklift Operator, Injection Molding Technician, Machinists, Maintenance Mechanic, Milling Machine Operators, Tool and Die Makers, and many more

**FIND OUT MORE BY VISITING**  
**[SYRACUSECITYSCHOOLS.COM/CTE](http://SYRACUSECITYSCHOOLS.COM/CTE)**

## Media Communications

 **LOCATED AT: ITC**

Whether you dream of anchoring a news desk, covering sports or working behind the scenes as a camera operator/programmer, you'll be on the right path with the Media Communications program at ITC.

Students in our program learn to work in a professional television studio while being involved in operating the school's news and communication network including announcements, social media, news magazines and web presence. The class structure is project-based and hands-on. Projects are supplemented with reading, writing, lectures, demonstrations, videos, online research and critiques.

### **LEARN ABOUT**

- \* Video and photo methods to professionally edit footage
- \* Applying framing techniques to photo shoots
- \* Photo shoot lists, storyboards, digital story telling principles

### **CAREER PATHS**

Reporter, Anchor, Producer, Editor, Public Relations, Advertising, Spokesperson, Film Production Assistant







## Medical Assisting

 **LOCATED AT: HENNINGER**

You're a caring and compassionate person who loves to help others. As a student in the Certified Medical Assisting program your compassionate nature will be enhanced by the essential knowledge you need to become a Certified Medical Administrative Assistant (CMAA), as well as a Certified Clinical Medical Assistant (CCMA).

The Medical Assisting pathway is offered at Henninger High School for any student interested in obtaining a Medical Assistant Certification upon graduation from high school. The program provides information and skills common to all medical assistants, including the ability to:

### **LEARN ABOUT**

- \* Take a patient's history
- \* Prepare an examination room
- \* Assist physicians during examinations

### **CAREER PATHS**

Physician, Medical Imaging, Medical Biotechnology, Medical Technology, Physician Assistant, Physical Therapy, Radiation Therapy, Respiratory Therapy

## Natural Resources

 **LOCATED AT: NOTTINGHAM**

The Earth is more than just the ground underneath us; it's our greatest natural resource. The study of Natural Resources is an interdisciplinary pathway offered at Nottingham High School. In this program, you'll develop an integrated view of the biological, ecological and social dimensions of the environment.

In addition to academic course work, students have the opportunity to learn about careers through guest lectures and field trips to businesses, industry and government agency partners.

### **LEARN ABOUT**

- \* Planning and design
- \* Conservation management and environmental health
- \* Bioprocess engineering, biotechnology, chemistry, land surveying, and park maintenance

### **CAREER PATHS**

Environmental Engineer/Scientist/Specialist, Natural Science Manager

**FIND OUT MORE BY VISITING [SYRACUSECITYSCHOOLS.COM/CTE](http://SYRACUSECITYSCHOOLS.COM/CTE)**





## Urban Teaching Preparation Program

 **LOCATED AT: CORCORAN**

Are you interested in a career making a difference in the lives of young people and working in an urban environment? Do you want to help students achieve their dreams? If so, the Urban Teacher Prep pathway at Corcoran High School may be for you.

The Urban Teacher Prep pathway provides students with the opportunity to prepare for a career in urban education and earn no-cost transferable college credits. The program helps provide students with the unique skills required to be a successful educator in a diverse urban environment.

Students will develop an understanding of teaching and learning through hands-on lessons, work-based experiences, and specialized coursework. Urban Teacher Prep graduates will have a head start for the next phase of their career in urban education from two-year college programs to four-year college and graduate programs.

### **CAREER PATHS**

Classroom teacher (K-12), CTE Instructor, Teaching Assistant

## Welding

 **LOCATED AT: CORCORAN**

Welders build and repair metal structures, machines and equipment using specialized equipment that produces intense heat to fuse metal parts together. The Welding program at Corcoran High School delivers a combination of classroom theory and practical experience within our weld shop over a period of four years.

The program is designed to prepare students for extended study in an apprenticeship, two-year college or employment. The skills taught are based on the Standards of the American Welding Society (AWS). The society and its standards are recognized worldwide as a benchmark for skilled welders.

### **LEARN ABOUT**

- \* Metal inert gas (MIG), stick and tungsten inert gas (TIG) welding
- \* Plasma and torch cutting
- \* Metal art
- \* Safety (OSHA training)
- \* Fabrication and repair

### **CAREER PATHS**

Welding, Construction, Plumbing/Pipefitting

 **OPERATE  
FABRICATE  
REPAIR**





# P-Tech

## Pathways in Technology Early College High School

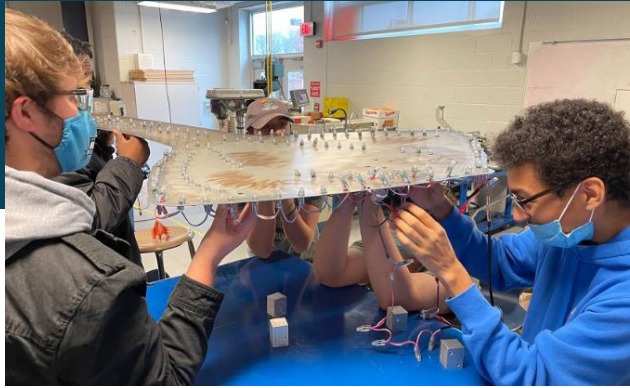
The Syracuse City School District offers P-TECH programs in several high-demand industries. The P-TECH program is designed to motivate and enable students to earn a college degree and successfully transition into the workplace, with the preparation and skills needed by employers. In this program, students:

- \* Obtain their **high school diploma**
- \* Earn an **associate's degree** at no cost within five/six years
- \* Obtain **workplace learning experience**



# P-TECH Programs at ITC

This is a partnership with **Onondaga Community College** and the **Manufacturer's Association of Central New York (MACNY)** in which SCSD students will have the opportunity to participate in this cohesive **five- or six-year program (Grades 9-14)**, which combines high school, college and career training.



## Electrical Technology

If you're the kind of person who likes to tinker or take something apart, study it and put it back together — not always because it's broken, but sometimes just for fun — then you may be interested in a career in Electrical Engineering.

In this program, students will learn the skills they need to tinker on a professional scale. They'll construct, test, analyze, trouble-shoot and repair modern systems and sub-systems using real world engineering tools and the technologies of today.

Students will also learn fundamental engineering concepts such as electronics, industrial control, instrumentation, communications, power distribution and electronic hardware while taking their problem solving skills to the next level.



### DEGREE

**Electrical Technology A.A.S.**  
Onondaga Community College



### CAREER PATHS

Electrical Engineer, Electronics Technician/Installer/  
Repair, Electrician

## Mechanical Technology

Behind the scenes, behind the machines, behind the technology you use every day — there's a mechanical technician inventing, reinventing and perfecting the machines that enable our modern lives.

As a student in the Mechanical Technology program, you'll learn about the latest technological advancements in computer drafting, computer-aided design and manufacturing. In addition, you'll gain hands-on experience in using computer software to analyze and design mechanical systems and automated manufacturing systems. With this experience, you'll have the basis to create, build and shape the way we live for generations to come.



### DEGREE

**Mechanical Technology A.A.S.**  
Onondaga Community College



### CAREER PATHS

Mechanical Engineer, Drafter, Machinist/Tool and Die  
Maker



# P-TECH Programs at Henninger

This is a partnership with **Onondaga Community College, Lab Alliance, SUNY Broome Community College, SUNY Upstate** and the **St. Joseph's Hospital Health Center** in which SCSD students will have the opportunity to participate in this cohesive **five- or six-year program (Grades 9-14)**, which combines high school, college and career training.



## Clinical Laboratory Technician

Working in a medical laboratory environment, students in the Clinical Laboratory Technician program can acquire the knowledge and technical skills that will prepare them for positions as entry-level laboratory assistants or advanced placement in college.

Students will gain practical learning experience through scientific investigations and experiments, as well as the collection and testing of samples, writing reports and presenting information in a state-of-the-art laboratory setting.

As a career link, established partnerships with many local businesses and medical facilities provide students with internships and potential future employment opportunities. In addition, students have the opportunity to earn a CTE Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.



**DEGREE**

**Clinical Laboratory Technician A.A.S.**  
SUNY Broome Community College



**CAREER PATHS**

Medical Laboratory Technician, Biological Technician, Quality Control

## Health Information Technology

The Health Professions program at Henninger provides an edge for students with a desire to enter a variety of health careers. Our program will introduce students to infection control, medical terminology, human growth and development, anatomy and physiology, structure and function of body systems, the study of diseases and the disease process, healthcare technology, medical ethics and jurisprudence, standards of professional conduct, patient communication and the fundamentals of patient care.

Health Information Technology professionals work with and/or for health care providers to better manage patient care through secure use and sharing of health information.



**DEGREE**

**Health Information Technology/Medical Records A.A.S.**  
Onondaga Community College



**CAREER PATHS**

Physician, Physician Assistant, Surgical Technologist, Endoscopy Technician, Sterile Processing Technician, Pharmacy Technician, Health Information Technician, Medical Billing and Coding Professional, Electronic Health Record (EHR) Implementation Specialist, Data or System Analyst, and many more.



# P-TECH Programs at **PSLA at Fowler**

This is a partnership with **CenterState CEO, Manufacturer's Association of Central New York (MACNY)**, **NUAIR Alliance**, **Mohawk Valley Community College (RPAS)** and the **Onondaga Community College (CIS)** in which SCSD students will have the opportunity to participate in this cohesive **five- or six-year program (Grades 9-14)**, which combines high school, college and career training.



## Computer Information Systems

Are you the “go to” person among your friends and family when their computer gives them a hard time? Are you the one they call when their printer isn’t working? Do you enjoy using technology and learning how it works? If so, the Computer Information Systems program might be for you.

Students in the CIS program at PSLA at Fowler will learn about information processing, networks, hardware, software applications, and web publishing through hands-on activities. They will learn the basic skills necessary to pursue careers in networking, information technology support, programming and web technology. Students will also have the opportunity to earn a no cost college degree while still in high school.



**Computer Information Systems A.A.S.**  
Onondaga Community College



Programmer, Junior Systems Analyst, Web Site Managers/Designers, Operations Trainee, Tech Support/Help Desk or Network Trainee

## Remotely Piloted Aircraft Systems (RPAS)

Have you ever had an interest in remote controlled planes or cars? Do you like making things work or designing new things? Do you like math and science? If so, you may be interested in a career in Remotely Piloted Aircraft Systems (RPAS). The use of drones, or RPAS is becoming one of the fastest growing technologies in the country. No longer simply for military use, drones will soon be used in hundreds of businesses and industries around the world.

The RPAS program at PSLA at Fowler prepares students to enter this fast growing field. Students will participate in hands-on learning, working with both simulators and real drones. They will learn the basic skills necessary for piloting, engineering, and repairing RPAS.



**Remotely Piloted Aircraft Systems A.A.S.**  
Mohawk Valley Community College



Drone Pilot, Disaster Relief, Search and Rescue, Law Enforcement, Border Patrol, Oil and Gas Operations, Agriculture, Forestry, Engineering, Computer Science, Commercial Contractors, Film



# CHOICE PROGRAMS

## Biotechnology

Whether you're interested in medicine, biotechnology, nursing or any of the hundreds of other career fields in the areas of science or math, the Biotechnology Program at ITC may be for you!

In this STEM pathway, students will be exposed to several different levels of science and math courses. Students will begin earning college credits as early as their 9th grade year at ITC. As seniors, students will be on the OCC campus taking college classes in the morning and returning to ITC in the afternoon to finish their high school requirements.

- SUPA Forensics
- SUPA Biology
- SUPA US History
- SUNY ESF Global Environment
- SUNY ESF Renewable Energies
- SUNY ESF Pre-Calculus
- Dual credit classes on SUNY OCC's campus

### CAREER PATHS

Physician, Physician Assistant, Medical Technology, Biotechnology, Environmental Science and many more

## Navy National Defense Cadet Corps (NNDCC)

The mission of NNDCC is to instill in students the values of citizenship, service to the United States, personal responsibility and a sense of accomplishment. Some of our students are interested in serving our country in the U.S. Navy or attending the Naval Academy, but our program can benefit any student.

As a NNDCC cadet at PSLA at Fowler, students can participate in their education and learn to be better citizens. The program provides them with the tools and skills needed to succeed in high school and, more importantly, help them be successful in life.

- Development of leadership potential
- Promotion of community service
- Development of a high degree of personal honor
- Self-reliance, individual discipline and leadership

### CAREER PATHS

Military, Aviation, Engineering & Applied Science, Health Care, Information & Technology, Nuclear Energy, Special Operations

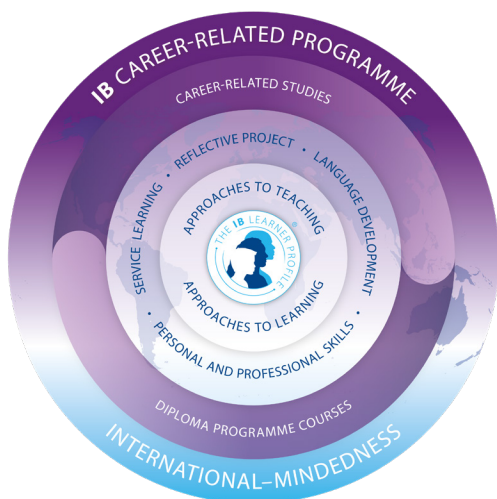




## International Baccalaureate (IB)

Are you ready for an academic challenge that will prepare you for the demands of a college education and potentially earn college credits while still in high school? Are you a hard-working person with an interest in helping to create a better and more peaceful world? If so, then the International Baccalaureate® (IB) Diploma Programme at Corcoran High School may be right for you.

The IB Diploma Programme follows a curriculum used all over the world. IB is a rigorous program that encourages students for success in college and life beyond and centers on DP Core components, which are studied along side six subject groups.



Corcoran High School is one of six IB World Schools in New York, offering 3 of the International Baccalaureate Programs for enriched and rigorous learning. Students can apply to Corcoran to enter the Middle Years Program (MYP) for ninth and tenth grade. Upon completion of the MYP, students can continue on with the Career-Related Program (CP) to focus on a CTE pathway or the Diploma Program (DP) which offers college-level courses.

### DP CORE

- Theory of Knowledge (class)
- Extended Essay (independent research)
- Creativity, Activity, Service (projects and experiences)

### 6 SUBJECT GROUPS

- Studies in Language and Literature
- Language Acquisition
- Individuals & Societies
- Sciences
- Mathematics
- Arts

**If you are interested in the International Baccalaureate program at Corcoran High School, talk to your School Counselor and apply online.**







## HOW TO APPLY

Take the online High School Choice and Transfer Survey to let your counselor know which programs you're interested in by January 31, 2023.

 **Apply Online! [SyracuseCitySchools.com/registration](https://www.syracusecityschools.com/registration)**

### Application Submission Process

The High School Choice and Transfer Program will be open to students who are currently enrolled in 8th grade. The application will be launched in December and remain open through January 31. Late submissions are not accepted. Families will be notified of the launch date.

A transition letter, which will include a High School Choice and Transfer consent form, will be mailed to each 8th grade family at the end of November. Each student (8th grade parent/guardian) will work with their middle school counselor to complete the high school choice and transfer program selection process. The counselor will be responsible for entering the detail they receive from the student and parent/guardian into the High School Choice and Transfer application platform.

Each student will be eligible to **select a maximum of two High School Choice** options and **one High School Transfer** request. High School Transfer requests should only be documented on the consent form and entered into the application system if a student meets one of the transfer criteria listed on the form.

### Interview Process

Once an application is entered into the School Choice and Transfer system, the student will become eligible to participate in the interview process, which may be conducted virtually or in-person. A member of the Interview Committee for each program will contact the parent/guardian to conduct an interview with the student. Each family will receive a specific date and time for the interview. If you select two choices, your child will be interviewed for both programs on the same day. In some instances, interviews will be held on-site at the student's middle school. Each student who selects a High School Choice option will be required to participate in an interview before they are considered eligible to enter the lottery if they are recommended by the Interview Committee to do so.

### Lottery Process

**IMPORTANT NOTE:** Submitting a High School Choice or Transfer form and application, or participating in the High School Choice interview process, does not guarantee admission or placement. When there are more students eligible for a program than seats available, the district will use the online lottery system to conduct a randomized lottery for each program.

Please visit [www.syracusecityschools.com/registration](https://www.syracusecityschools.com/registration) for more information on the application, interview and lottery process.





## PARTNER WITH US

Businesses and community members are invited to partner with the District to ensure that these CTE programs are successful. There are a number of opportunities to become involved.



### Career Coach

We're looking for professionals interested in providing insight into their world of work and engaging students in workplace learning. Career coaches are needed for our CTE Pathways and for our P-TECH programs.

No teaching experience necessary—our CTE Team will guide you!

### Partnership Options

1. Provide input and support for Career and Technical Education programs
2. Offer internship, externship and work-based learning opportunities to qualified students in your place of business
3. Participate in the CTE Partnership Council chaired by the Superintendent and CTE program-specific Advisory Boards
4. Support and advocate for legislation for renovation and specialized CTE funding

"I like working with professionals because it's a different way of learning. The project we did during the Summer Bridge Program with professionals helped me learn about teamwork, staying focused, and how to get the job done on time. I liked presenting our project, too—it felt like I was working at a real job."

— Nydia Knight  
P-TECH Student

## CONTACT US

Are you interested in learning more about the programs in this book? Contact us at [scsdcte@scsd.us](mailto:scsdcte@scsd.us). If you have questions regarding an individual program at a school, you can reach out to our CTE experts below:

### HENNINGER

Ella Briand  
[EBriand@scsd.us](mailto:EBriand@scsd.us)

### ITC

Scott Lane  
[SLane@scsd.us](mailto:SLane@scsd.us)

### PSLA

Rich Voss  
[RVossJr@scsd.us](mailto:RVossJr@scsd.us)

Matthew Caron  
[MCaron@scsd.us](mailto:MCaron@scsd.us)

### CORCORAN

Nick Lisi  
[NLisi@scsd.us](mailto:NLisi@scsd.us)

### NOTTINGHAM

Bruno Primerano  
[BPrimerano@scsd.us](mailto:BPrimerano@scsd.us)



Non-Profit Org.  
U.S. Postage  
**PAID**  
Syracuse, NY  
Permit 2563

## BOARD OF EDUCATION

Tamica Barnett, President  
Katie Sojewicz, Vice President  
Twiggy Billue  
Nyatwa Bullock  
Karen Cordano  
Mark D. Muhammad, Ed.D.  
Dan Romeo

## ADMINISTRATIVE STAFF

Anthony Q. Davis, Interim Superintendent  
Dean DeSantis, Chief Operations Officer  
Laura Kelley, Ed.D., Chief Academic Officer  
Timothy Moon, Chief Accountability Officer  
Mayra Ortiz, Chief Ombuds Officer  
Vacant, Chief Financial Officer  
Lisa A. Wade, Chief Human Resources Officer  
Monique Wright-Williams, Chief of Staff  
Pamela Odom, Assistant Superintendent of Secondary Schools  
Tara Jennings, Assistant Superintendent of Secondary Schools

**Central Offices: 725 Harrison Street, Syracuse, NY 13210**

**Mailing Address: 1025 Erie Boulevard West, Syracuse, NY 13204**

**[www.syracusecityschools.com/CTE](http://www.syracusecityschools.com/CTE) | (315) 435-4964**

The Syracuse City School District hereby advises students, parents, employees and the general public that it is committed to providing equal access to all categories of employment, programs and educational opportunities, including career and technical education opportunities, regardless of actual or perceived race, color, national origin, Native American ancestry/ethnicity, creed or religion, marital status, sex, sexual orientation, age, gender identity or expression, disability or any other legally protected category under federal, state or local law.

Inquiries regarding the District's non-discrimination policies should be directed to:  
Civil Rights Compliance Officer  
Syracuse City School District  
725 Harrison Street • Syracuse, NY 13210  
(315) 435-4131  
Email: [CivilRightsCompliance@scsd.us](mailto:CivilRightsCompliance@scsd.us)