

2023-2024



HIGH SCHOOL CHOICE

THE DEFINITIVE GUIDE TO HELPING YOU CHOOSE A CTE PATHWAY



— FIND YOUR PATHWAY —>



DEAR SCSD COMMUNITY,

Your future is waiting!

In the Syracuse City School District, we aim to support every student so they have their best chance at achieving success post-high school. Whether that means pursuing higher education opportunities, joining the military, or entering the workforce, we want to do our part to ensure that our students are equipped with the tools they need to succeed.

We currently offer a host of Career and Technical Education (CTE) pathways, as well as several Pathways in Technology Early College High School (P-TECH) programs and High School Choice programs. Each of these programs and pathways include hands-on learning, mentoring, and exposure to higher-level thinking, job-specific training, and life skills.

New this year, we are pleased to offer two brand-new CTE pathways: Artistic Innovative Design and Heating Ventilation Air Conditioning Refrigeration Clean Energy (HVACR). We are also excited that students will have opportunity to pursue two brand-new P-TECH programs – which will enable students to earn both their high school diploma and an associate's degree through an extended learning

program: Health Professions and P-Tech Semiconductor Microchip Technology. These programs – like our existing ones – are all built specifically to train our students so they are prepared to enter the workforce in high-demand industries.

Whatever your interests and hopes may be, there is a program that will help you improve your skills, develop your talents, and make the connections needed to help you get there. Please take a few minutes to explore the variety of offerings – exclusive to our SCSD students! We look forward to supporting you throughout your high school career and as you prepare for your next steps.



Anthony Q. Davis SUPERINTENDENT

Anthony Davis



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NEW
 **Artistic Innovative Design**

 **LOCATED AT: NOTTINGHAM**

Students will use state of the art equipment with industry standard software to design, build and present project prototypes and design ideas. Internships opportunities will be offered to provide invaluable experience in a real-world setting. Design students will be given the opportunity to present their senior portfolios to members of the Syracuse University School of Design.

 **CAREER PATHS**

Communications Designer, Design Studies, Environmental and Interior Designer, Fashion Designer, Industrial and Interaction Designer

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.

 **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 Officer

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

 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**

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 vitals

CAREER PATHS

Emergency Medical Technician, Paramedic

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

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



FIND YOUR

Dream Career

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

 GPS REMOTE SENSING
ANALYSIS
HIGH-TECH MAPPING

FIND OUT MORE BY VISITING
[SYRACUSECITYSCHOOLS.COM/CTE](https://www.syracusecityschools.com/cte)

NEW



Heating Ventilation Air Conditioning Refrigeration Clean Energy (HVACR)



LOCATED AT: CORCORAN

The HVACR Clean Energy program is designed to prepare students for extended study in an apprenticeship, two-year college or employment. This program teaches students the essential skills needed to begin a career in the HVACR trades. Students will gain real-world knowledge and hands-on experience in the fundamental components of heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings, print reading, electrical wiring, proper tool use, and OSHA safety training. Students will develop and demonstrate integrated academics and employability skills through class activities, projects, community service and professional development.



CAREER PATHS

HVACR Technician, Boilermakers, Electricians, General Maintenance and Repair Workers, Plumbers, Pipefitters, Steamfitters, Sheet Metal Workers, Solar Photovoltaic Installers, Stationary Engineers and Boiler Operators, Wind Turbine Technicians



TROUBLESHOOT SERVICE REPAIR

FIND OUT MORE BY VISITING
SYRACUSECITYSCHOOLS.COM/CTE

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



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

PREPARING TODAY'S
Students
FOR TOMORROW'S
Careers

FIND OUT MORE BY VISITING 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

High School Diploma + College Degree



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

Health Information Technology (HIT) is information technology applied to health care. HIT is utilized to manage health information across computerized systems and its secure exchange between consumers, health care providers, government agencies and insurers.

HIT professionals are highly trained in the latest information management technology applications and understand the workflow in any healthcare provider organization from large hospital systems to the private physician practice. They ensure a patient's health information and records are complete, accurate, and protected.

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 Corcoran

This is a partnership with **Micron** 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.

NEW SEMICONDUCTOR MICROCHIP TECHNOLOGY

This program prepares students for careers in the semiconductor manufacturing industry.

Students will be trained on state-of-the-art industry standard equipment and work in a simulated clean room. The program is orientated for students to learn monitoring, sustaining, and improving equipment. During hands-on projects, students will perform technical tests and experiments in the simulated wafer fabrication area and set-up and master the use of semiconductor processing equipment. Students will develop a solid foundation in mathematics and physical sciences as well as technical knowledge and good problem solving and teamwork skills.

DEGREE

Electromechanical Technology A.A.S.
Onondaga Community College

CAREER PATHS

Semiconductor Manufacturing Technician, Semiconductor Equipment Technician, Fab Manufacturing Technician, Semiconductor Engineer, Test Engineer, Etch Process Engineer, Material Handler, Operations Manager, General Manager



NEW Health Professions

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.

DEGREE

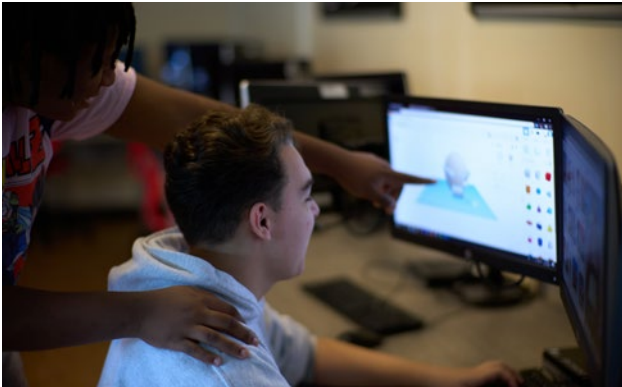
Health Sciences A.S.
Onondaga Community College

CAREER PATHS

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

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

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 alongside 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.

Benefits and Opportunities:

- Increased exposure to college-level coursework
- Experience with extensive literary and historical texts
- Increased focus on writing for college or professional endeavors
- Participation in elevated discussions
- Increased exposure and awareness of social diversity and global perspectives

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



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, 2024.

 **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 interest (interview) process, which may be conducted virtually or in-person. A member of the Interest 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 interest interview. If you select two choices, your child will be interviewed for both programs on the same day. In some instances, interest 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 interest interview before they are considered eligible to enter the lottery if they are recommended by the Interest 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 interest 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 for more information on the application, interest 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

"One of my favorite parts of CTE is the work is hands-on. We also have opportunities to work on projects in teams, working together to problem-solve. I'm able to be a member of the American Welding Society, which allows me to work with professional welders and earn industry certifications. I also have the opportunity to take college classes, earning college credits from Onondaga Community College and Mohawk Valley Community College. I'm securing my future while in high school. It's fun!"

— Wesley Gilbert
12th Grade
Welding Technology

CONTACT US

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

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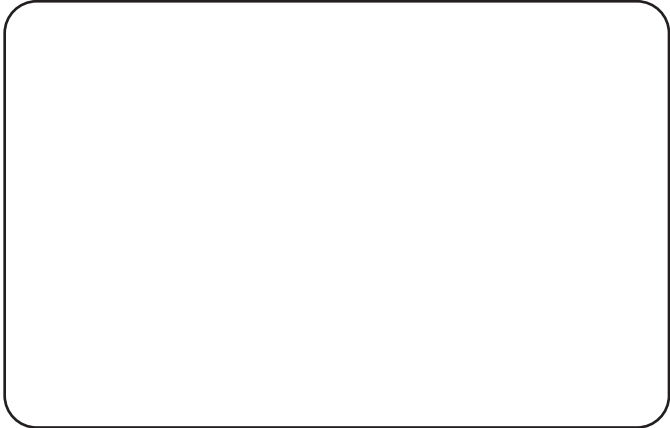
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- Monique Wright-Williams, Chief Engagement Officer
- Tara Jennings, Assistant Superintendent of Secondary Schools
- Lisa Costanza, Assistant Superintendent of Secondary Schools



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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