

```
documents examples.desktop Pictures Templates
brittany@ubuntu:~$ cd
brittany@ubuntu:~$ Downloads
Downloads: command not found
brittany@ubuntu:~$ Download
Download: command not found
brittany@ubuntu:~$ cd Downloads
brittany@ubuntu:~/Downloads$ nano
brittany@ubuntu:~/Downloads$ ls
CyberMazzz
brittany@ubuntu:~/Downloads$ cd
brittany@ubuntu:~$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more on.
brittany@ubuntu:~$ cd
brittany@ubuntu:~$
```

Agenda
- Finish BIOS Lab
- Terminal Lab
* 2-3*

21

CTE Pathways

6

P-TECH Programs

4

Specialized Programs

High School Choice

SYRACUSE CITY SCHOOL DISTRICT



< choose your path >



Dear SCSD Community,

In the Syracuse City School District, we offer 27 Career and Technical Education programs in our five high schools. These programs allow our students exciting and challenging experiences and opportunities that include internships, apprenticeships, industry credentials and college credits.

The programs include a wide range of offerings in some of the fastest growing industries in Central New York and the United States. Students can study cybersecurity, forensic science, natural resources, health professions, media and communications, urban teacher preparation and so much more.

We also have six New York State P-TECH programs, two at the Institute of Technology at Syracuse Central (ITC), two at Henninger and two at the Public Service Leadership Academy (PSLA) at Fowler. In partnership with Onondaga Community College, Broome Community College and Mohawk Valley Community College, students can study electrical technology, mechanical technology, clinical laboratory technology, health information technology or remotely piloted aircraft systems and computer information systems. In these rigorous programs, students can, upon successful completion, finish with a high school degree and a college degree.

Career and Technical Education could be the key to your success in high school and in your future so please take a minute and learn about what is offered in the SCSD. Your future is now!



Jaime Alicea
Superintendent



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CTE PATHWAYS



DIAGNOSE
REPAIR
MAINTAIN

 **Automotive
Technology**

Automotive Technology

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

CAREER PATHS

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

Barbering

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

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. Business Technology programs are offered at all of our high schools with the exception of ITC.

In 9th and 10th grades, students will learn about a wide variety of business concepts and practices. While learning about financial management, accounting, computer applications and other business fundamentals, students will meet local business people, visit college programs, and see successful local businesses in action.

In 11th and 12th grades, students will begin to focus on a specific pathway. The pathways the SCSD is currently considering are Entrepreneurship, Sales and Marketing, Logistics, and others that will enhance existing CTE programs in the healthcare, computer science and engineering fields.

Computer Forensics

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



ORGANIZE
PLAN
MANAGE

Business
Technology



Find out more by visiting  syracusecityschools.com/CTE



COMPUTER FORENSICS PATHWAY STUDENT

Are you interested in computers? Do you like the idea of investigating crimes and uncovering evidence?

This pathway may be for you!



BUILD
IMPROVE
REPAIR

Construction Technology 

Construction Technology

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 & NOCTI safety standards and credentials as well as 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

Cosmetology

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

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

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



TASTE
PREPARATION
TECHNIQUE



Culinary Arts

Find out more by visiting  syracusecityschools.com/CTE



CYBERSECURITY PATHWAY STUDENTS

Are you interested in computers and computer networks? Would you like to learn how to protect the information in those computers and networks? Are you interested in working in one of the fastest growing fields in America?

This pathway may be for you!



INSTALLATION
MAINTENANCE
REPAIR

Electrical Trades 

Electrical Trades

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 street lights 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, Lineman, Residential Wireman

Emergency Medical Technician

When the situation is at its worst and every second counts, that's when 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.

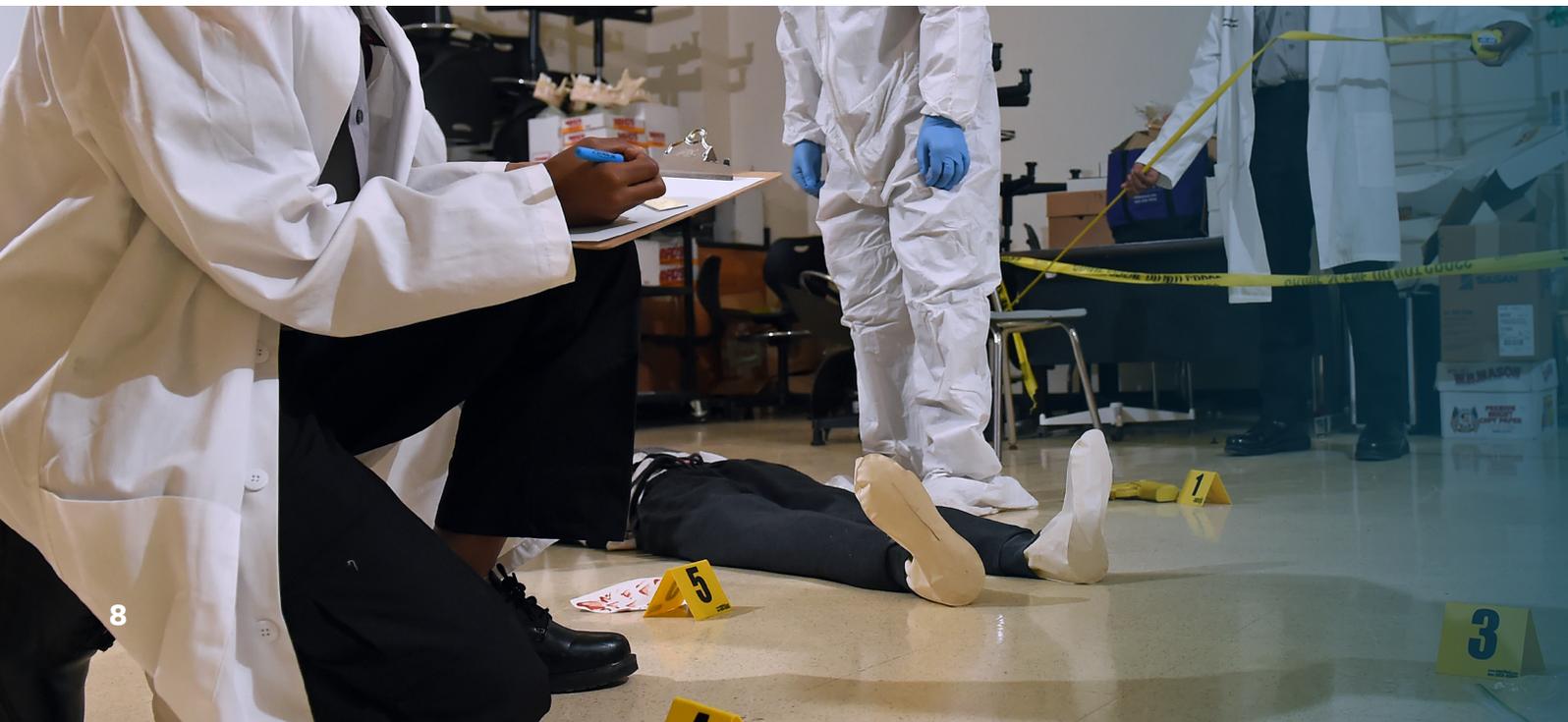
The EMT program at PSLA at Fowler trains students to function independently in a medical emergency and provide pre-hospital care at the scene or during transport.

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



Fire/Rescue

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

CAREER PATHS

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

Forensic Science

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.

Students in the Forensic Science program at PSLA at Fowler will be exposed to the real life of a crime scene investigator, gaining knowledge and hands-on experience in:

- * **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



RESCUE
PREVENT
ANALYZE



Find out more by visiting 
syracusecityschools.com/CTE



FORENSIC SCIENCE PATHWAY

Do you like science? Do you enjoy solving problems, mysteries, crime?

This pathway may be for you!



GPS
MAPPING
ANALYSIS

Geospatial
Technology 

Geospatial Technology

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

Healthcare Professions are the fastest growing occupations in the United States. The U.S. Department of Labor predicts that by 2022, the need for health care workers will increase by more than 20 percent.

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



Law Enforcement

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.

Students in our Law Enforcement pathway at PSLA at Fowler will learn to react appropriately and professionally to situations where the public might be at risk by manmade or natural emergencies. They will learn the tactics, theory and skills required of today's law enforcement professionals including:

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

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.

Students receive on the job training in the manufacturing field of their choice as well as classroom instruction. In addition, students participate in a variety of work-based learning activities that include:

- * Career coaching from local businesses
- * Workplace visits
- * Job shadowing
- * Internships
- * Paid pre-apprenticeship position

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



DEVELOP
WORK
LEARN

Manufacturing
Technology Pre-
Apprenticeship



Find out more by visiting  syracusecityschools.com/CTE



HEALTH PROFESSIONS PATHWAY STUDENT

Do you have an interest in science or medicine? Are you the kind of person who just wants to help people?

This pathway may be for you!



PROTECT
PRESERVE
CONNECT

 Natural Resources

Media Communications

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

Medical Assisting

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

Medical Lab Technician, Phlebotomist, Nurse, Radiology Technician, Respiratory/Occupational/Physical Therapist, Case Manager



Natural Resources

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

Urban Teaching Preparation Program

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

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

Find out more by visiting  syracusecityschools.com/CTE



MEDIA COMMUNICATIONS PATHWAY STUDENTS

Do you dream of anchoring a news desk? Do you dream of working behind the scenes as a camera operator/programmer?

This pathway may be for you!

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.



Electrical Technology A.A.S.
Onondaga Community College



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.



Mechanical Technology A.A.S.
Onondaga Community College



Mechanical Engineer, Drafter, Machinist/Tool and Die Maker



Find out more by visiting  syracusecityschools.com/CTE

P-TECH Programs at Henninger

This is a partnership with **Onondaga Community College, Lab Alliance, SUNY Broome Community College, SUNY Upstate** and **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. It describes the secure collection and sharing of private health information between consumers, health care providers, government agencies and insurers.

HIT students learn how health care providers manage quality patient care through secure use and sharing of health information. Students will learn how to collect, share, maintain and protect patient data in a high-tech environment. They'll also learn the basics of medical terminology, anatomy and physiology.



DEGREE

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



CAREER PATHS

**Ambulatory Care, Long-Term Care, Home Care,
Residential Care, Psychiatric Facilities, Industrial Clinics,
Physician's Offices, Law Offices**



Find out more by visiting  syracusecityschools.com/CTE

P-TECH Programs at PSLA at Fowler

These unique programs are partnerships with **Mohawk Valley Community College (RPAS)** and **Onondaga Community College (CIS)** in which SCSD students will have the opportunity to participate in a 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.



DEGREE

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



CAREER PATHS

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.



DEGREE

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



CAREER PATHS

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



OTHER 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.

At the completion of this pathway, students will have earned a minimum of 24 college credits that they can use toward a Mathematics and Science A.S. degree at OCC or another 2 or 4 year college of their choice. College Credits:

- * 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

International Academy

The International Academy at Nottingham High School is part of the Internationals Network for Public Schools, which has over 25 years of experience working with recent immigrant English Language Learners. In the International Academy, every teacher is a language teacher as well as a teacher of academic content. Our approach is learner-centered, collaborative and project based.

The International Academy program features:

- * **A multicultural learning environment.**
- * **Students of all ages and academic backgrounds learn together. A sense of pride is fostered in all students' cultural and linguistic roots.**
- * **Students work in small groups and learn from each other.**
- * **Individual advisors support each student.**
- * **Students learn by doing, through hands-on projects both in the classroom and outside of the school. Students are challenged to do their own thinking and learning.**
- * **English as a New Language is taught in context, in purposeful, language-rich, interdisciplinary and experiential methods.**
- * **Students contribute to the community through internships, community service, and service learning.**

For more information speak with your School Counselor or contact the ENL, World Languages and Bilingual Education Office at (315) 435-4927.



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.

The IB Diploma Programme (DP) curriculum centers on DP Core components, which are studied alongside six subject groups.

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
- * Sciences
- * Mathematics
- * Arts

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

Navy JROTC

The mission of Navy Junior Reserve Officers Training Corps 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 NJROTC 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. NJROTC benefits include:

- * 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 ACADEMY

Have you moved to the United States in the past 4 years from another country? Do you need to learn English? Do you need support transitioning to the U.S.? Do you want a safe, rigorous learning environment to prepare for college and career?

This program may be for you!

HOW TO APPLY

→ Take the First Step!

enrollinsyracusecityschools.com

During the **High School Choice Open Enrollment** period of **February 1 - March 31, 2019** visit enrollinsyracusecityschools.com.

Submit up to three applications to a high school that offers a CTE, P-TECH or specialized program of interest (must submit a completed application and be accepted through the interview process to be included in the lottery).

Applying does not guarantee admission. When there are more students eligible for a program than seats available, the district will use the SmartChoice online lottery system to conduct a randomized lottery for each program to select students. Please visit www.syracusecityschools.com/registration for more information on the interview and lottery process.



WHO SHOULD APPLY

Any SCSD 8th grade student may apply to a high school that offers a CTE, P-TECH or specialized program of interest.

COST TO APPLY AND ATTEND

There is no cost to apply or enroll in any CTE, P-TECH or specialized program of interest.

WHERE ARE PROGRAMS OFFERED?

CTE, P-TECH or specialized programs of interest are offered at all Syracuse City School District high schools (Corcoran, Henninger, ITC, Nottingham, and PSLA at Fowler). Please see each program description to see which school offers that program.

WHEN TO APPLY

8th grade students apply during the High School Choice Open Enrollment period of February 1 - March 31, 2019.

INTERVIEWS

Every student who submits an application will be required to participate in an interview for their program of interest. Most of the interviews will be conducted at the designated high school with the building staff. Parents/guardians are required to accompany students. Interviews will also be held at the middle school.

Student Registration

M-F 8:30 AM-4:00 PM

 (315) 435-4545

 enrollinsyracusecityschools.com

 1005 W. Fayette Street, 4th Floor

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!

CONTACT (CTE)

Robert Leslie, Director of Career and Technical Education

RLeslie@scsd.us

(315) 435-4964

CONTACT (P-TECH)

HENNINGER
(315) 435-4343

Ella Briand
EBriand@scsd.us

ITC
(315) 435-4300

Nick Lisi
NLisi@scsd.us

PSLA
(315) 435-4300
Matthew Caron
MCaron@scsd.us

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

CONTACT

Robert Leslie, Director of Career and Technical Education

RLeslie@scsd.us

(315) 435-4964

“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

Find out more by visiting
syracusecityschools.com/CTE



Syracuse City



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Monique Wright-Williams, Chief of Staff



Central Offices: 725 Harrison Street, Syracuse, NY 13210

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

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