



Syracuse City School District Career and Technical Education

High School Choice

8th grade Student and Family Information Session

Agenda

- CTE in the SCSD
 - Enrollment
 - Programs
 - P-TECH
 - Regional STEAM High School
- Partnerships
 - Business and Industry
 - Higher Education
- Career Ready Practices
- Curriculum
- CTE Teachers
- Upcoming Events



Current Technical Programs at SCSD

Current CTE Model at SCSD

- Programs of choice
- 9th – 12th pathway model
- College-level credits and degrees
- Industry recognized certifications and credentials
- Summer Bridge program for incoming 9th graders



CTE by the Numbers

Choice Programs

2014 4 Programs

2015 19 Programs

2016 23 Programs

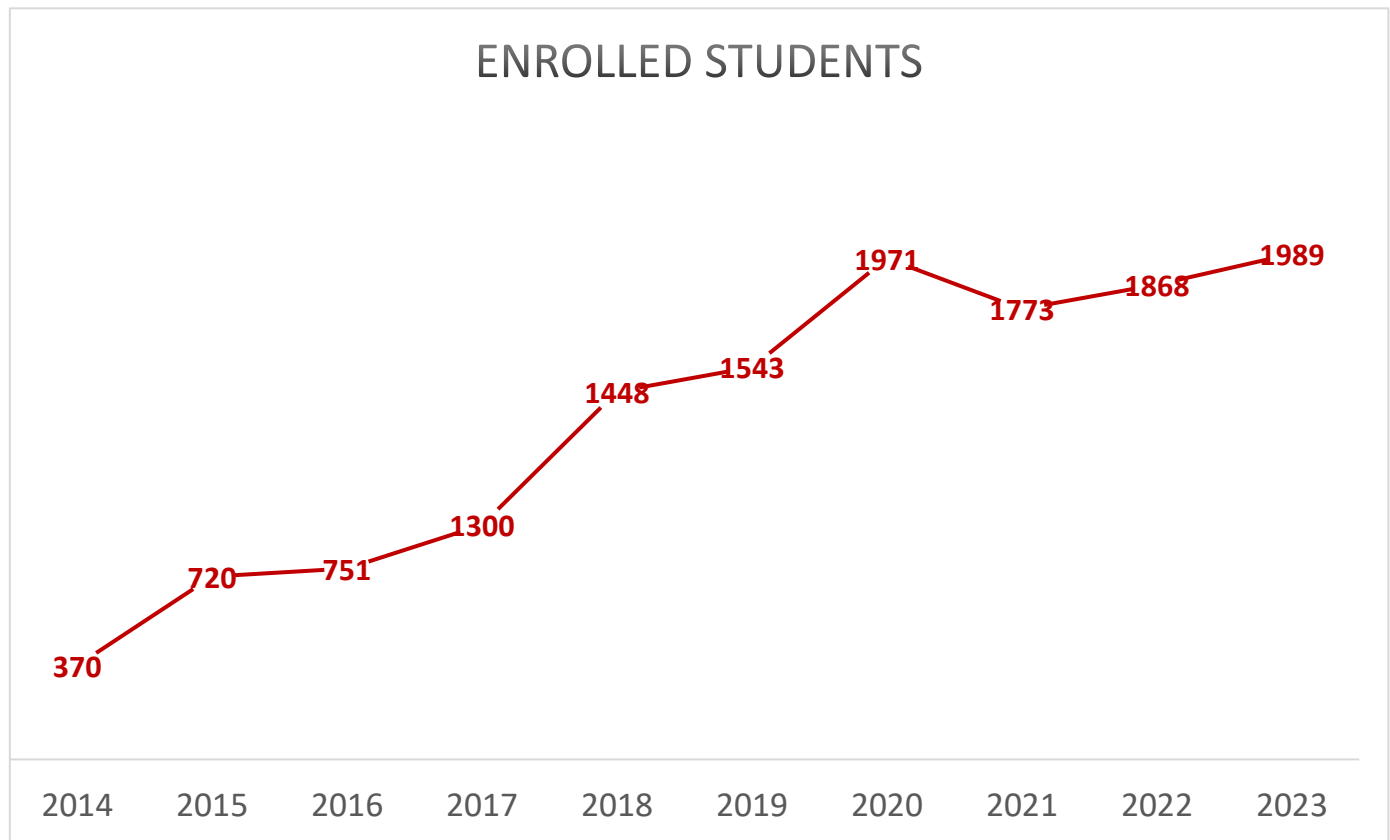
2017 24 Programs

2018 26 Programs

2022 27 programs

2025 40 programs

ENROLLED STUDENTS



High School Choice Programs

NEW*** Animation and Game Design

Automotive Technology

Barbering

Biotechnology

NEW*** Business

Entrepreneurship

Business Technology

Computer Forensics

NEW*** Construction Management

Construction Technology

Cosmetology

Creative Expression and Design

Culinary Arts

Cybersecurity

NEW*** Data Analytics

Electrical Trades

Emergency Medical Technician

NEW*** Entertainment Engineering

Fire/Rescue

Forensic Sciences

Geospatial Technology

HVACR Clean Energy

International Baccalaureate

Law Enforcement

Manufacturing Technology Pre-Apprenticeship

Media Communications

Medical Assisting

Natural Resources

NNDCC

NEW*** Performing Arts

NEW*** Robotics and Automation

NEW*** Semiconductor Manufacturing Technology

Urban Teaching Preparation

NEW*** Visual Arts

Welding Technology

SYRACUSE P-TECH

Electrical Technology

Mechanical Technology

Clinical Laboratory Technology

Health Information Technology

Health Professions

Computer Information Systems

Remotely Piloted Aerial

Systems/Drone Tech

Semiconductor Microchip Technology

P-TECH Programs

Electrical Technology
Mechanical Technology
Computer Information Systems
Remotely Piloted Aircraft Systems
Health Professions
Clinical Lab Technology
Health Information Technology
Semiconductor Microchip Technology

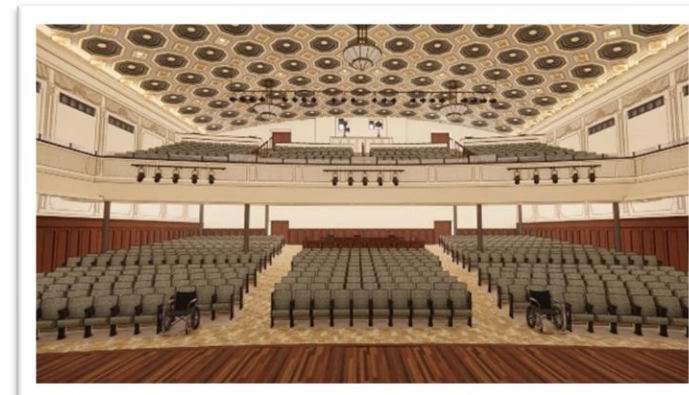
- **Pathways in Technology Early College High School**
- NYS grant funded programs
- Partnership with SCSD, Community College and Industry
- Summer programming 9th grade – Year 6
- Pathway to an Associate Degree and first inline for jobs!
- No cost to student or family



STEAM Regional High School

Science Technology Engineering Arts Math

- First-ever STEAM High School in CNY
- STEAM-focused curriculum
- Open to students from SCSD and OCM BOCES component districts
- Located across from ITC (S. Salina and Adams St.)
- Offer sports, extracurricular, and after school programs
- State of the art facilities and equipment
- Renovated historic Lincoln Auditorium
- College course work
- Mentoring, internships and job shadows with top companies and arts organizations





Public Service Leadership Academy @ Fowler

Barbering

Business Technology

Computer Forensics

Cosmetology

Cybersecurity

Electrical Trades

Emergency Medical Technician

Fire Rescue

Forensic Science

Geospatial Technology

Law Enforcement

Navy National Defense Cadet Corps

P-TECH Programs

Computer Information Systems

Remotely Piloted Aircraft Systems





Corcoran High School

International Baccalaureate (IB)

HVAC/R Clean Energy

Manufacturing Technology Pre-Apprenticeship

Urban Teacher Preparation

Welding Technology

P-TECH Program Semiconductor Microchip Technology





Institute of Technology at Syracuse Central High School

Automotive Technology

Biotechnology

Culinary Arts

Media Communications

P-TECH Programs: Electrical Technology

Mechanical Technology





Henninger High School

Medical Assisting

P-TECH Programs

Clinical Laboratory Technology

Health Information Technology

Health Professions





Nottingham High School

Business Technology

Construction Technology

Creative Expression and Design

Natural Resources



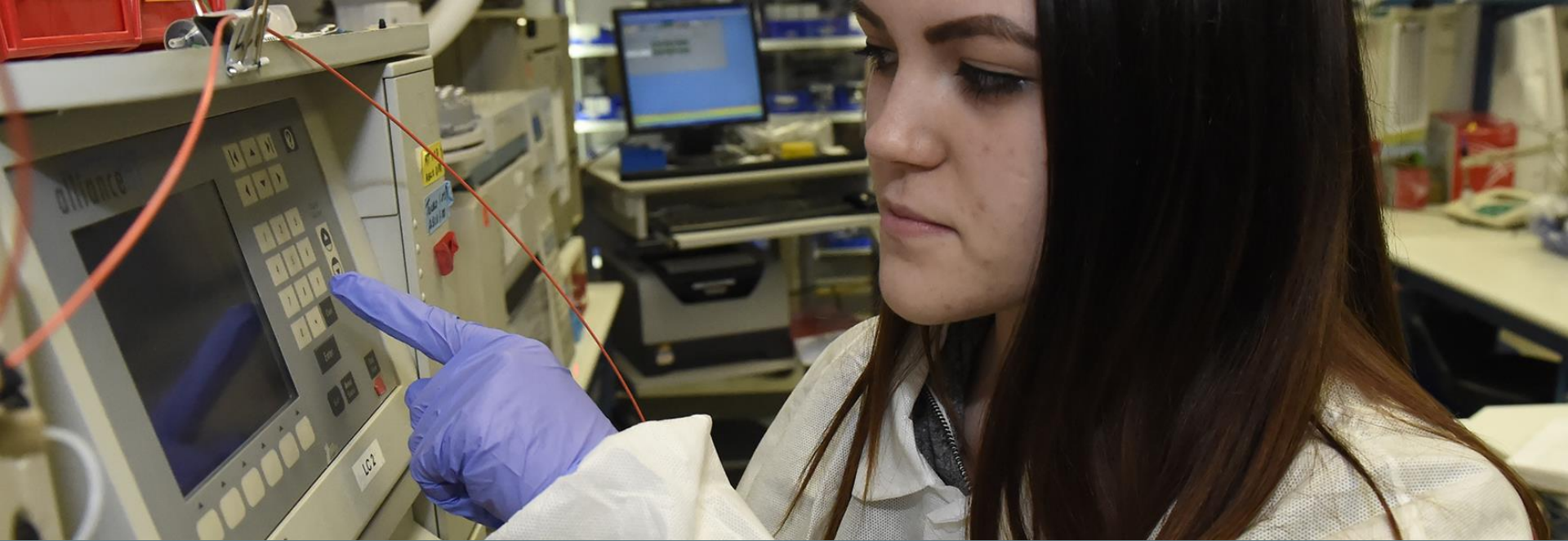


Regional STEAM High School

Animation and Game Design
Business Entrepreneurship
Construction Management
Data Analytics

Entertainment Engineering
Performing Arts
Robotics and Automation
Semiconductor Manufacturing Technology
Visual Arts





Partnerships

Business and Community Partnerships

How business/community partnerships drive our programs:

- Partnership and CTE Advisory Councils
- Volunteering as Career Coaches/Mentors
- Providing Internships/Shadowing
- Help our students learn Career Ready Practices



Post-Secondary Partnerships

Our Post-Secondary partners provide students with the opportunity to:

- Earn College Credit
 - Syracuse University
 - SUNY College of Environmental Science and Forestry
 - Dual Credit / College Credit Now @ OCC
 - On-campus classes @ OCC
- PTECH programs work towards AAS Degree
 - Onondaga Community College
 - SUNY Broome
 - MVCC



Career Ready Practices

Common Career Technical Core

- National standards, recognized by industry
- Skills to prepare students for college and career
- Learned and refined throughout each CTE program

<p>Apply Appropriate ACADEMIC & TECHNICAL SKILLS</p> 	<p>Act as a RESPONSIBLE AND CONTRIBUTING CITIZEN & EMPLOYEE</p> 	<p>Attend to PERSONAL HEALTH & FINANCIAL WELL-BEING</p> 
<p>COMMUNICATE Clearly and Effectively and with Reason</p> 	<p>Consider the ENVIRONMENTAL, SOCIAL & ECONOMIC IMPACTS of DECISIONS</p> 	<p>Demonstrate CREATIVITY & INNOVATION</p> 
<p>Employ Valid and Reliable RESEARCH STRATEGIES</p> 	<p>Use TECHNOLOGY to Enhance Productivity</p> 	<p>Model INTEGRITY, ETHICAL LEADERSHIP & EFFECTIVE MANAGEMENT</p> 
<p>Plan EDUCATION & CAREER PATH Aligned to Personal Goals</p> 	<p>Utilize CRITICAL THINKING to Make Sense of Problems and Persevere in Solving Them</p> 	<p>WORK PRODUCTIVELY IN TEAMS While Using Cultural Global Competence</p> 



CTE Programs and Curriculum

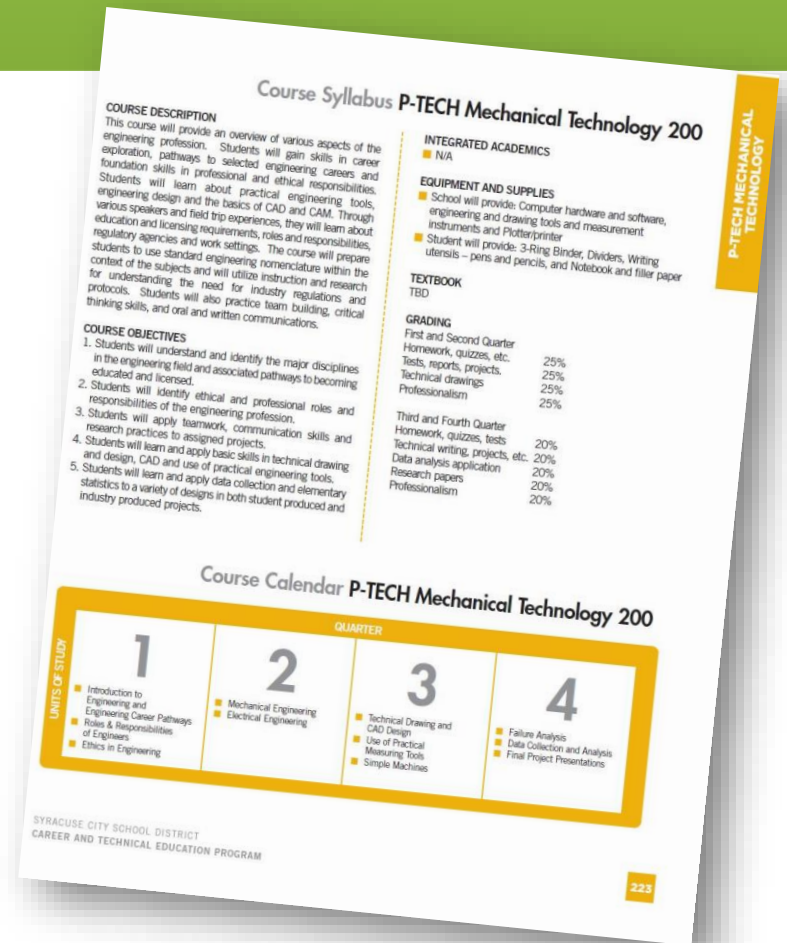
CTE Curriculum: Starting with the End in Mind

Development

- Ongoing input/support from industry and higher education partners
- Teachers write and revise (with support)

Content

- Aligned to industry standards
- Incorporates career ready practices
- Opportunity to earn national credentials, college credit, and college degrees



CTE Teachers

How do we recruit and prepare our teachers?

- Strong partnerships (industry, community, higher education) are essential resources for recruitment
- Critical to collaborate with NYSED and higher education
- Professional development
- 26-day Intensive SREB training with ongoing coaching





Career and Technical Education Conclusions

What the Data Tells Us

Students enrolled in CTE Pathways:

- Increased engagement
- Better attendance
- Higher GPA
- Higher graduation rates
- Career and college ready graduates



Learn More About our CTE Programs

Syracuse City School District Web Page

- From the home page, hover over departments and select CTE
 - Links to information on each CTE program
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Next Steps

- High School Choice Timeline
 - High School Choice form mailed home
 - Return to middle school counselor by January 15, 2025
 - CTE Interest forms will be completed in their school
 - CTE teams supports students in the High School Choice process

Upcoming Events

Video Chats

Thurs., Oct. 29 @ 5 p.m.

Thurs., Oct. 31 @ 12 p.m.

CTE and P-TECH program information session

Tues., Oct. 22 @ 5 p.m.

Thurs., Oct. 24 @ 12 p.m.

STEAM High School CTE program information session

Tues., Nov. 5 @ 5 p.m.

Thurs. Nov. 7 @ 12 p.m.

Learn about the CTE program registration and selection process

Tues., Nov. 12 @ 12 p.m. and 5 p.m.

CTE program specific Q&A

CTE EXPO

Mon. Nov. 4, 2024

Everson Museum of Art

6 p.m. – 8 p.m.

CTE Lab Open Houses

Mon., Dec. 2 4:30 p.m. – 6:30 p.m.

PSLA @ Fowler High School

Tues., Dec. 3 4:30 p.m. – 6:30 p.m.

ITC High School

Wed., Dec. 4 4:30 p.m. – 6:30 p.m.

Henninger High School

Thurs., Dec. 5 4:30 p.m. – 6:30 p.m.

Nottingham High School

Mon., Dec. 9 4:30 p.m. – 6:30 p.m.

Corcoran High School

Questions and Help



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