



New Friends



New Opportunities



New Skills



WILSON TECH

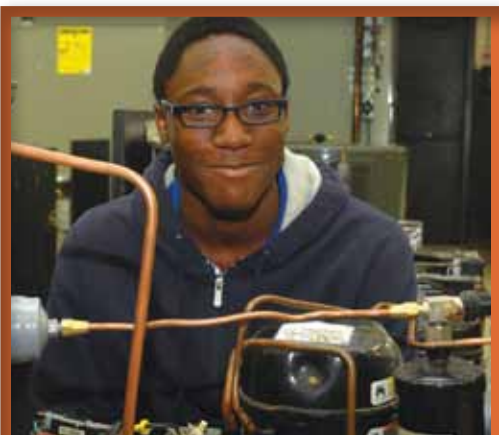
College & Career Ready 2015-16





CONSTRUCTION ELECTRICITY

Students in Tech's Construction Electricity can use their skills to become licensed electricians and then open their own businesses. You'll have the opportunity to learn wiring and electrical servicing for both homeowners and industry. Find out how solar panels and wind turbines work!



HVAC/PLUMBING

At Tech, students make friends with other students who have similar interests and career goals.

**Questions about Tech?
Call 425-9050 or see your
high school guidance
counselor.**



SCHOLARSHIP OPPORTUNITIES

Wilson Tech students have many opportunities to earn scholarships as well as college credits. Get a head start on your career while you are still in high school!



AIRCRAFT TECHNOLOGY

Aircraft Technology leads to FAA licenses that bring job offers! Take advantage of the job opportunities that are being created. Commercial airlines, private jet operators and power companies need well-trained technicians from Wilson Tech.



STUDENTS COMPETE IN REGIONAL CONTESTS

For more information, call: 425-9050
Or go to: www.wilsontech.org • www.mytechnow.org

Get your start at Wilson Tech



WELDING

Create a Bright Career

Sparks will fly in Tech's sophisticated welding labs as you work with the torches and rods that welders use every day.



PROFESSIONAL PHOTOGRAPHY

You'll Shine at Tech!

Professional Photography students learn techniques in Tech's professional studio and then shoot photographs on location. Apply your creative talents to create dramatic images that you will then enhance on Tech's iMac computers. Have fun while you learn what it takes to communicate visually.

Q: Why Go to Tech?

A: Learn skills for a job after graduation or continue your studies in college.

- | | |
|------------------------------|---------------------------|
| Advertising/Graphic Design | Early Childhood Education |
| Aircraft Technology | Electronics/Robotics/ |
| Architectural Design/CAD | Computer Repair |
| Audio Production | Equine Studies |
| Auto Body Repair | Fashion Merchandising/ |
| Automotive Technology | Design |
| Aviation Science/Flight | Heating/Ventilation/ |
| Carpentry | AC/Plumbing |
| Certified Personal Trainer | Marine & Motor Sports |
| Computer and Business Skills | Technology |
| Construction Electricity | Medical Assisting |
| Cosmetology | Medical Laboratory |
| Criminal Justice | Nurse Assisting |
| Culinary Arts | Physical Therapy Aide |
| Digital Film & | Professional Photography |
| Video Production | Veterinary Assisting |
| | Welding |

Q: Does Tech offer programs with smaller class sizes?

A: Yes! Tech offers the following programs to provide eligible students with more individualized attention.

- | | |
|--------------------------|--------------------------|
| Auto Maintenance | Health Care Skills |
| Building and Grounds | Intro to Computer |
| Maintenance | Graphics/Design |
| Community/Workplace | Intro to Cosmetology |
| Exploration | Office Skills |
| Crosswalk to Tech | Retailing |
| Electronic Manufacturing | Small Animal Care Skills |
| Food Services | |

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org



AUDIO PRODUCTION

Play the Sounds of Success

If music is your thing, enroll in Audio Production where you'll learn how to record the sounds you love in Tech's professional sound booth using high tech digital recording devices and iMac computers. Or, perfect your skills as a DJ in Tech's studio.



CERTIFIED PERSONAL TRAINER

Stay Fit & Teach Others

Join the fitness movement and learn how to safely and effectively use the equipment in Tech's own training facility.

Q. How do I apply to Tech?

A. Applying to Tech is easy! Just speak with your district guidance counselor who will submit your application to Tech. Wilson Tech is available to high school students living within the townships of Huntington, Smithtown and Babylon.

Q. Can I visit a class at Tech?

A. Yes. Interested students and parents may schedule an individual visit, at anytime, with approval from their home school. Group visitations are arranged through the high schools on a scheduled date.

Q. Can I take academic courses at Tech?

A. Yes. Students can choose from classes in English, Social Studies, Math, Science, Language, Health, Phys. Ed., and Art to meet graduation requirements. You can take these academic classes during your regularly scheduled time at Tech or receive pull-out instruction. Students can also receive preparation for State Assessment exams while they are at Tech.

Discuss these opportunities with your district counselor who will register you for the classes you require.

Q. Can Wilson Tech prepare me to meet NYS Diploma/Credential requirements?

A. Yes. Wilson Tech classes are approved by the State Education Department. Coursework, credits, hours and work-based learning apply toward meeting the requirements of all diploma types. In addition, Wilson Tech fulfills the criteria for districts to award, eligible students, a Regents-endorsed NYS Career Development and Occupational Studies (CDOS) Commencement Credential. The CDOS credential is intended to recognize students' work readiness skills and may be awarded as a stand-alone credential or in addition to a regular high school diploma. Under multiple pathway assessment options, students may utilize an approved CTE assessment after successfully completing an approved CTE program.

Q. Will a Tech course satisfy the foreign language requirement?

A. Yes. The foreign language requirement may be substituted for students who successfully complete an extended sequence in Career & Technical Education (CTE) for the Regents Diploma with Advanced Designation. If eligible, the district CSE may waive the foreign language requirement.

Q. Does Tech offer any clubs?

A. Yes. Tech offers two clubs that are popular with our students. They are: SkillsUSA and Future Farmers of America (FFA). These clubs foster leadership skills and sponsor competitions on a local, regional, state and national level. Scholarship opportunities are available.

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org

Q. Can I go to work while in school?

- A. Yes. Tech offers opportunities to get credits, earn a salary and gain experience while on-the-job.
- Cooperative (Co-op) Education Program – Combines work-related classes with paid and unpaid work experience and is offered at participating school districts.
 - Work/Study Internships – Students acquire academic credits and may earn a salary while they receive on-the-job training.

Q. Will Tech prepare me for a career?

- A. Yes, Tech's programs will give you the hands-on skills you need because you will gain them in a setting resembling an actual workplace. Wilson Tech students are in great demand and find work on Long Island and throughout the country.

Q: When I complete my program will I leave Tech with any certificates?

- A. Yes, students who successfully complete attendance and academic requirements may earn a Certificate of Completion from Wilson Tech, as well as NYS licenses and certificates from selected programs. Depending upon your school district, students can earn up to 4½ credits each year they attend Tech.

In addition, those who successfully complete a two-year Tech sequence in approved programs are eligible to sit for nationally recognized exams leading to certifications in their fields. Those who pass national exams will earn the prestigious Career & Technical Education endorsement seal on their high school diplomas.

Q: How does Tech help students find a job?

- A. Yes, The Job Placement Offices at Wilson Tech offers lifetime assistance in job search strategies. Each week Tech updates its Job Bank for current students and graduates.

Q: Do colleges offer advanced standing to Tech students?

- A. Yes, Tech has Articulation Agreements with many colleges that offer credits or waive introductory courses for students who successfully complete specific Wilson Tech programs. Because agreements are subject to change, the best way to know what college will accept credit is to speak with the Tech guidance counselor for your program. Dual enrollment is available for eligible students at Farmingdale State College and Five Towns College.

Below are some of the colleges that have offered advanced standing to Wilson Tech graduates.

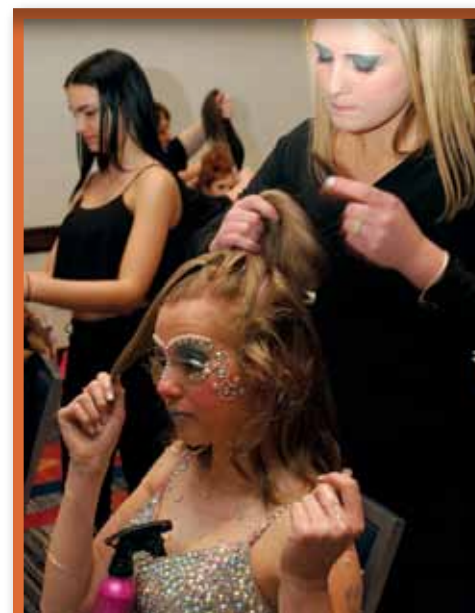
Art Institute of Pittsburgh	Five Towns College
Baran Institute	Herkimer Community College
Berkeley College	Island Drafting & Tech Institute
Briarcliffe College	Kingsborough Comm. College
Connecticut Culinary Institute	Laboratory Institute of Merch.
Delhi College	Nassau Community College
Dowling College	Ohio Technical College
Fashion Institute of Design and Merchandising	New England Institute of Tech.
	Pennsylvania College of Tech.



VETERINARY ASSISTING

Love Animals?

If you love animals, start your career in Tech's veterinary assisting program! You'll work with dogs and cats as well as farm animals as you learn everything from feeding to grooming to surgical and diagnostic lab procedures to accurate record keeping.



COSMETOLOGY

Start Your Own Business

Students who graduate from Tech's Cosmetology program are in great demand at local salons. Get your cosmetology license while you're still in high school.

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org



**MEDICAL LABORATORY/
MEDICAL ASSISTING**

Jobs Abound

Join the ever growing health care field as a medical laboratory assistant or a medical assistant. The skills you'll learn at Tech can also be applied to other careers in health. All of the most recent Tech graduates are either employed or continuing their education in the health professions.



**DIGITAL FILM & VIDEO
PRODUCTION**

Shoot for Success

Students learn everything from lighting to scriptwriting. Come create your own short film!

- SUNY Alfred
- SUNY Canton
- SUNY Cobleskill
- SUNY Farmingdale
- Universal Technical Institute
- University of New Haven
- Vaughn College of Aeronautics
- Wilson Tech Adult LPN
- Wilson Tech Surgical Technology
- National Restaurant Association Educational Foundation ProStart*
- Program participating schools:*
 - Art Institute of Las Vegas

- Art Institute of Tampa
- Bethune-Cookman College
- California State Polytechnic University, Pomona
- Conrad N. Hilton College of Hotel & Restaurant Mgmt.
- Culinary Instit. of America
- Johnson & Wales Univ.
- Kendal College
- New England Culinary Instit.
- Oklahoma State University
- Orlando Culinary Academy
- Scottsdale Culinary Institute
- Washington State University

Q. Will Tech help prepare me for college?

- A. Yes. More than 70% of Tech graduates continue their education at colleges or technical schools. Through Tech's Career Pathways program, students may benefit from the following opportunities while they are at Tech (at no additional charge except for book fees):
- SAT Prep – Get the preparation you need to raise your college test scores.
 - College Prep – Learn organizational and study skills that will help you succeed in college.
 - College Credits – You can earn college credits by successfully completing classes through local colleges.

Q. Does Tech offer alternative high school programs?

- A. Yes. Tech's Center for Alternative Education (CAE) offers a variety of programs that prepare students to meet academic and career goals:
- TASC (Test Assessing Secondary Completion, formerly known as GED®) – Prepares students for the high school equivalency examination (English or Spanish).
 - High School Diploma – Take an academic curriculum at the Alternative High School and receive a high school diploma issued with the student's high school's name.
 - 9th Grade "Turn Around Program" – A one-year program to "turn around" those students entering 9th grade who are academically at risk.
 - Online High School – Provides students in the western Suffolk region with opportunities to earn academic credits for graduation.
- Supportive services, including a licensed child care center, are available for pregnant and parenting teens.

Q. Does Tech have any special recognition programs?

- A. Yes. Tech acknowledges those students whose academics, attendance and disciplinary records meet the criteria of the Renaissance Program and National Technical Honor Society in approved programs. In June, Tech invites parents and students to a Recognition Ceremony to present certificates to those students who have successfully completed Tech programs.

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org

Career & Technical Education Programs

Construction

Architectural Design /CAD

Use traditional drawing tools and drafting instruments as well as sophisticated computer programs to design and prepare architectural renderings, models and site plans. Translate ideas into specific plans that a builder could use. Great training for future engineers, architects and draftspersons.

Building and Grounds Maintenance*

This program introduces students to custodial duties covering basic electricity, carpentry, plumbing, painting, cleaning and landscaping. Practice these skills around the Wilson Tech Huntington campus.

Carpentry

Build a structure from the frame and roof to the cabinets and counters. Work from plans and specifications to build new buildings and remodel existing ones. Tech's new curriculum provides instruction on the installation of solar panels and wind turbines.

Construction Electricity

You'll be at the control switch in this trade. Wire outlets, receptacles, switches, and appliances for homeowners. Install and wire recessed and fluorescent lighting, large service panels and motor control circuits for businesses and industry. Install solar panels on Tech's cottages and see how Tech's wind turbine can contribute power to homes and businesses.

Heating/Ventilation/AC/Plumbing

Repair the air conditioning, heating and ventilation systems found in homes and businesses. Review plumbing basics, including installing piping for kitchens and bathrooms. There will always be a need to help homeowners and businesses.

Welding

Discover the composition of metals as you practice how to join and cut different metals. Work from blueprints as you build metal structures and fabricate repairs using numerous welding processes.

Graphics & Media

Advertising/Graphic Design

Explore concepts in print and digital media including illustration, lettering, layout design, logos, and advertising animation that you can display in your professional portfolio. You will have the opportunity to develop graphic design and advertising skills that will help you pursue additional training.

*Smaller Class Size Program

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org



Building a Better Future

What better way to learn than with the tools of the trade on a real job. Whether it's building new homes or remodeling older homes, there's a need for well-trained carpenters from Wilson Tech.



Design your Future

Whether you're re-designing your family's kitchen or planning an energy efficient skyscraper, Tech's Architectural Design/CAD class will give you the skills to start a career as an engineer, architect, draftsperson or contractor.



ADVERTISING/GRAPHIC DESIGN

Apply Your Creativity

Advertising/Graphic Design helps you use your creativity in the fast-paced world of advertising and visual arts. Build a terrific portfolio for college or the workplace.



NURSE ASSISTING

A Career in Demand!

Start your career in health care in our well-equipped lab for aspiring Certified Nurse Assistants. Successful CNA graduates can continue in Tech's Professional Health Careers program.

Audio Production

If you love music, you will have the opportunity to create or mix your own professional sounds. Practice using a sound board and mix music as you are introduced to the legal issues in broadcasting. You'll operate the latest digital audio options on the most up-to-date equipment.

Digital Film & Video Production

Fascinated by the glamour of the broadcast world? Experience what it's like to be behind and in front of the lights and video equipment. Prepare and edit scripts. Operate and repair transmission equipment, cameras, recorders and lights.

Intro to Computer Graphics/Design*

Explore the field of graphic design by doing hands-on projects. Create posters, pads, brochures, tee shirts, key chains and other fun items.

Professional Photography

Get behind the lens and experience what it takes to create dramatic photographs that convey an idea. Get studio and on-location experience. Take your film into the darkroom and make your idea come alive in a print. See how computers can create new images from your own photographs.

Health

Health Care Skills*

If you enjoy health-related topics, Health Care Skills will provide you with the opportunity to learn and practice a variety of basic skills.

Medical Assisting

Get the opportunity to become an important member of the health care team and to prepare for work in physician offices and clinics. Emphasis on front desk reception, office skills, and assisting with examinations and treatment.

Medical Laboratory

You'll be trained to conduct many of the medical tests doctors require to diagnose illnesses. Use highly technical equipment to answer medical questions.

Nurse Assisting

Care for patients and become eligible to be a Certified Nurse Assistant (CNA). Work in the field or continue your education as a practical nurse, registered nurse or even as a physician. In fact, those who successfully pass Nurse Assisting can continue in the second year in Tech's Professional Health Careers program. If eligible, you can take the national certification exam for Patient Care Technician.

Physical Therapy Aide

Physical Therapy Aides assist physical therapists and physical therapy assistants to set up and maintain treatment areas, organize equipment and assist patients to prepare for treatment in recovering from injuries and improving mobility.

*Smaller Class Size Program

For more information, call: 425-9050

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Service

Certified Personal Trainer

Develop knowledge in anatomy, physiology, weight and strength training. Go into business for yourself, work in health clubs or rehab centers or find employment with sports teams.

Cosmetology

This program offers opportunities for you to learn about hair styling, coloring, perms and relaxants as well as make-up, manicures and facials. Practice your talents on mannequins and other students. As a second year student, participate in a Wilson Tech clinic. Earn hours toward your cosmetology license.

Criminal Justice

If you've thought about a career in law enforcement, this program will introduce you to many of the skills and laws police and security officers need to know. Appropriate investigative functions and techniques, patrol functions, forensics, security systems and emergency responses required for public/private security are explored.

Culinary Arts

Put some steam into your plans for the future. Prepare and serve food as it's done in the finest restaurants. Whether you dream of your own deli, gourmet restaurant or bistro, or you want a foundation to become a fine chef, this program will help prepare you for the excitement of commercial food preparation.

Early Childhood Education

This program will prepare you for entry-level employment in early childhood programs. Study child development as you get hands-on experience working with preschoolers in the on-site preschool learning lab.

Equine Studies

If you love horses, this program will give you opportunities to obtain a solid foundation in feeding, grooming, and riding. Diagnose and treat general injuries and ailments of horses and practice proper cleaning of horses and their equipment.

Fashion Merchandising/Design

If fashion is your thing, come translate your ideas of style into wearable clothing and find out what retailing is all about. Explore the theory of design and actually how to create patterns and make clothes.

Food Services*

Do you have an interest in food? Our industrial kitchen will allow you to practice your cooking skills. Follow the recipe and create everything from soups, main courses, side dishes and desserts. Bring your creations home for the whole family to enjoy!

Intro to Cosmetology*

If you are interested in the appearance enhancement industry, students will have the opportunity to learn and practice basic hands-on skills in hair care, nails, skin and make-up.

*Smaller Class Size Program

For more information, call: 425-9050

Or go to: www.wilsontech.org • www.mytechnow.org



PHYSICAL THERAPY AIDE

Get Mobile!

Students learn how to help others improve their mobility after injuries. Jobs abound for PT aides! Or, continue in college to become a Physical Therapist.



CULINARY ARTS

The Taste of Success

Students in Culinary Arts start with basic food preparation techniques in Tech's large professional kitchens and progress to five course, gourmet dinners served in our dining room. Graduates attend premier culinary institutes as well as four year colleges. Tech also offers Food Services for those in the smaller class size program.



FASHION/MERCHANDISING

Style Starts at Tech

Apply your fashion flair as you learn all aspects of the fashion industry from pattern design and garment construction to modeling and merchandising.



ELECTRONICS/ROBOTICS/ COMPUTER REPAIR

Find a Career You'll Love

If you like tinkering with electronic gadgets, enroll in this class and then move into computer networking where you'll learn to practice the installation and configuration of network devices using Cisco routers, switches, bridges and wireless access points.

Office Skills*

Develop introductory skills that today's office workers need. Each work station has its own computer where you will work with data entry and computer programs. You will practice operating a copy machine, filing, and using proper business etiquette for speaking on the telephone.

Retailing*

Operate the school store and gain practice dealing with your customers (students and staff). Stock the shelves with food items, cards, picture frames, and gifts. Get a chance to operate the cash register under the supervision of a teacher. Go to off-site retail stores twice each week to gain on-the-job experience.

Small Animal Care Skills

Students will be working with a variety of small animals in the learning lab classroom. Explore entry level careers in the pet and companion animal industries.

Veterinary Assisting

Students will have many opportunities to handle and care for animals as they study pet shop operation and management, veterinary assisting, and laboratory procedures for animals. You'll study anatomy as you care for the animals that live in your classroom!

Technical

Computer and Business Skills

Learn different computer programs and find out how spreadsheets and forms can help businesses succeed. You will have the opportunity to work together as entrepreneurs as you study the business needs of Tech programs. You will then create customized business plans and projects that benefit other students!

Electronic Manufacturing*

Ever wonder how a circuit board works? Electronic Manufacturing will take you inside the computer circuits of burglar alarms, talking clocks and motion sensors. Build and program your own robotic car and then have a friendly competition with your classmates to see whose car goes the fastest and farthest.

Electronics/Robotics/Computer Repair

Do you like tinkering with electronic gadgets? Come study the basic theory of electronics and how to apply the theory as you analyze and then construct circuits. After the course introduction to robotic concepts, students will build robotic devices. Students who meet the academic and attendance criteria in Electronics/Robotics/Computer Repair may enroll in Computer Networking the 2nd year.

*Smaller Class Size Program

For more information, call: 425-9050

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Transportation

Aircraft Technology

Thrilled by the sounds of engines flying overhead? This program will teach you to service, repair and overhaul both reciprocating and turbine engines in our classrooms at Republic Airport. You'll find out how these giant engines are also used in powerplants throughout the country as you work toward an FAA Powerplant license—the ticket you need to get a job!

Auto Body Repair

If you've dreamed of starting your own business restoring damaged vehicles or customizing cars and trucks, come to Tech where you'll develop skills to use auto body plastics, specialized tools, and spray painting. Develop your mechanical ability, business skills and individual technique that will get you ahead in business.

Auto Maintenance*

Gain an overview of auto body repair and refinishing. Try your hand at welding, tire rotations, oil changes and engine tune-ups. You'll work on cars in Tech's specially equipped shop as you use the tools used in local businesses.

Automotive Technology

Are you always thinking and talking about cars? Make repairs to engines, transmissions, chassis and suspension systems of various automobiles. Take the guesswork out of auto repairs and use sophisticated electronic and hydraulic test equipment to pinpoint that engine knock or whine.

Aviation Science/Flight

Is your future up in the air? Find out what it takes to become a pilot. With the help of computers, you'll receive both ground and flight instruction as you prepare yourself to pass the Federal Aviation Agency (FAA) exam! Actual flying time is logged in.

Marine & Motor Sports Technology

Servicing small engines from boats to motorcycles is a satisfying occupation. A qualified Marine Technician knows about servicing boat engines and managing marinas. Small engine repair will also be incorporated into the program. Great skills to have for many fields.

Community/Workplace Exploration*

Develop independent and workplace skills. Explore career and technical classes and field sites in the community. Great opportunity to learn about yourself, and the skills you will need in the future.

Crosswalk to Tech*

In this career exploration program students are provided with the opportunity to investigate a variety of career options through project-based learning in the classroom and actual program observations. Choose a Tech class you enjoy the following year.

*Smaller Class Size Program

For more information, call: 425-9050

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**AUTOMOTIVE
TECHNOLOGY**

Work with Your Hands

Tech students use the same equipment found in dealerships to troubleshoot mechanical problems in cars and trucks. Other students in Auto Body Repair practice the techniques to restore damaged vehicles or customize cars and trucks.



AUTO BODY

A Career in Demand!

Learn how to repair damaged vehicles and to create custom designs in Tech's Auto Body Repair program. Only 2.9% of recent Tech graduates are unemployed compared to 17.1% for the same age group in Suffolk County.

Tech Today, Your Future Tomorrow!

Advertising/Graphic Design
Aircraft Technology
Architectural Design/CAD
Audio Production
Auto Body Repair
Auto Maintenance*
Automotive Technology
Aviation Science/Flight
Building and Grounds Maintenance*
Carpentry
Certified Personal Trainer
Community/Workplace Exploration*
Computer and Business Skills
Construction Electricity
Cosmetology
Criminal Justice
Crosswalk to Tech*
Culinary Arts
Digital Film & Video Production
Early Childhood Education

Electronic Manufacturing*
Electronics/Robotics/Computer Repair
Equine Studies
Fashion Merchandising/Design
Food Services*
Health Care Skills*
Heating/Ventilation/AC/Plumbing
Intro to Computer Graphics/Design*
Intro to Cosmetology*
Marine & Motor Sports Technology
Medical Assisting
Medical Laboratory
Nurse Assisting
Office Skills*
Physical Therapy Aide
Professional Photography
Retailing*
Small Animal Care Skills*
Veterinary Assisting
Welding

*Smaller Class Size Programs

See your guidance counselor or call:
(631) 425-9050

Check out: www.wilsontech.org
www.mytechnow.org



www.wilsontech.org

Wilson Technological Center is the career and technical education division of Western Suffolk BOCES.

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