

College
Ready

Career
Ready

38
Programs



Hands-on Learning
Gives You Experience

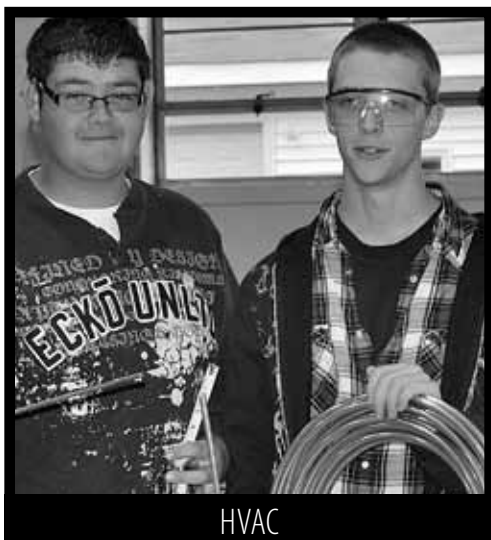
WILSON

TECH



CONSTRUCTION ELECTRICITY

Students in Tech's Construction Electricity often plan to use their skills to become licensed electricians and then open their own businesses. You'll learn wiring and electrical servicing for both homeowners and industry.



HVAC

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

**Questions about Tech?
Call 667-6000, x300 or see
your high school guidance
counselor.**



ADVERTISING/GRAPHIC DESIGN

Meet other creative students who share your interest in design and art at Tech. Build a terrific portfolio for college or the workplace as you learn basic design skills and then develop your design talent on high speed iMac computers.



MEDICAL ASSISTING

If you want to work immediately after high school, one of Tech's health programs will be the perfect place to start. You'll also be able to apply your Tech skills to any number of other health careers. Start climbing the ladder of success in health care today!



AUTOMOTIVE TECHNOLOGY

Students in Tech's automotive programs learn the skills to enter the job market with top paying jobs right after high school. Others use their Tech foundation to prepare for college-level programs.

Call: 667-6000 x300 or go to www.wilsontech.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.



PHOTOGRAPHY

You'll Shine at Tech!

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?

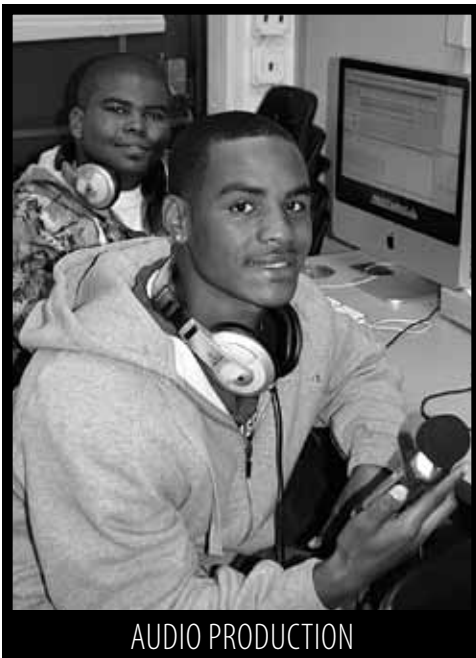
A: Learn skills for a job after graduation or continue your studies in college.

Advertising/Graphic Design	Early Childhood Education
Aircraft Technology	Equine Studies
Architectural Design/CAD	Fashion Merchandising/Design
Audio Production	Heating/Ventilation/Air Conditioning
Auto Body Repair	Marine & Motor Sports Technology
Automotive Technology	Medical Assisting
Auto Service Specialist	Medical Laboratory
Aviation Science/Flight	Nurse Assisting
Carpentry	Photography
Certified Personal Trainer	Police Science and Law
Computer Networking & Repair/Robotics/Electronics	Veterinary Assisting
Computer Technology for Business	Video Production
Construction Electricity	Welding
Cosmetology	
Culinary Arts	

Q: Does Tech have programs with smaller class sizes?

A: Yes! Tech offers these programs to help prepare students for work.

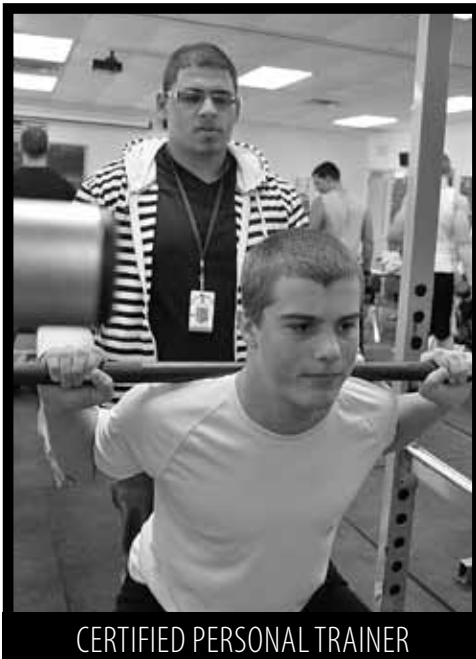
Auto Maintenance	Electronic Manufacturing
Building and Grounds/Maintenance	Food Services
Building Trades	Life Skills
Cosmetology	Office Skills
Design & Production Technology	Printing
	Retailing



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 and fill out a Tech application with the appropriate signatures. 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 during February and March.

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. Students can also receive help to prepare for Regents and RCT exams while they are at Tech.

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

Q. Can I receive a Regents Diploma?

A. Yes. Wilson Tech classes are approved by the State Education Department and apply toward the 22 credits needed for graduation and a Regents Diploma.

Students can earn 4½ credits for a one-year program and 9 credits for a two-year program, depending upon your school district.

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) and Career and Financial Management for the Regents Diploma with Advanced Designation.

Q. Does Tech offer any clubs?

A. Yes. Tech offers two clubs that are popular with our students. They are: SkillsUSA and FFA. These clubs foster leadership skills and sponsor competitions on a local, regional, state and national level.

Q. Can I go to work while in school?

A. Yes. Tech offers opportunities to “earn” while you “learn”.

- Cooperative (Co-op) Education Program – Combines work-related classes with paid 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 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: Will I leave Tech with any credentials?

A. Yes, students who successfully complete a Tech program leave high school with Tech's Certificate of Completion and upon fulfilling the criteria, may earn the prestigious Career & Technical Education endorsement seal on their Regents diplomas.

Q: Will Tech help me find a job?

A. Yes, in fact, the Placement Office at Wilson Tech offers lifetime assistance in job search/referral to those who successfully complete a Tech program.

Q: Do colleges offer advanced standing to Tech students?

A. Yes, Tech has agreements with many colleges that offer credits or waive introductory courses for students who successfully complete specific Wilson Tech programs. The best way to know what college will accept credit is to speak with the Tech guidance counselor for your program. Below are some of the colleges that have offered advanced standing to Wilson Tech graduates.

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



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. Tech also offers Building Trades for those in the smaller class size program.



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.



AIRCRAFT TECHNOLOGY

Keeping the Engines Roaring

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



VIDEO PRODUCTION

Shoot for Success

Video Production students learn everything from lighting to scriptwriting. Come create your own short film!

Q. Will Tech help prepare me for college?

- A. Yes. More than half 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):
- Kaplan style SAT – 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 SUNY Farmingdale or Suffolk County Community College.

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:
- GED (English or Spanish) – Prepares students for the high school equivalency examination.
 - 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 1-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 professionalism meet the criteria of Renaissance and the National Technical Honor Society (NTHS).

Career & Technical Education Programs

Construction

Architectural Design /CAD

Learn to 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 & Grounds/Maintenance*

Develop skills and techniques to maintain buildings and grounds. Learn a variety of custodial duties and landscape maintenance skills such as basic lawn and plant care as well as operation of small equipment.

Building Trades*

Get hands-on experience in the trades of carpentry and construction. This course will take you from the planning stage to the finished product to help get you ready for the world of work.

Carpentry

Build a structure from the frame and roof to the cabinets and counters. Learn to work from plans and specifications to build new buildings and remodel existing ones. You'll take pride in completing a project you've built.

Construction Electricity

You'll be at the control switch in this trade. Learn to wire outlets, receptacles, switches, and appliances for homeowners. Learn to install and wire recessed and fluorescent lighting, large service panels and motor control circuits for businesses and industry. You'll install solar panels on Tech's cottages.

Heating/Ventilation/Air Conditioning

Learn to repair the air conditioning, heating and ventilation systems found in homes and businesses. There will always be a need to help homeowners and businesses keep cool in the summer and stay warm in the winter.

Welding

Learn the ancient science of metallurgy as you study 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, logo images, and advertising animation that you can display in your professional portfolio. Develop strong graphic design skills and gain artistic confidence to pursue college or entry-level jobs in advertising.

*Smaller Class Size Program



MARINE & MOTOR SPORTS TECHNOLOGY

A Great Career for Long Islanders

If you are fascinated with boats, jet skis or motorcycles, enroll in Marine & Motor Sports Technology where you will learn to service these engines. You can become a qualified Marine Technician!



MEDICAL ASSISTING

Jobs Aboard

Join the ever growing health care field as 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.



AVIATION SCIENCE/FLIGHT

Get Ready for Take Off!

At Tech's Republic Airport campus, you practice flying on computer simulations and when you've mastered the necessary skills, you'll take off for a real flight through instructors at SUNY Farmingdale.



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.

Audio Production

If you love music, learn how to create or mix your own professional sounds. Practice using a sound board and mix music as you learn the legalities of broadcasting. You'll learn about the latest digital audio options on the most up-to-date equipment.

Photography

Get behind the lens and learn 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. Learn how computers can create new images from your own photographs.

Printing*

Learn hands-on how the printed page is created. Prepare photographs for publication. Learn about inks and paper. Operate today's printing presses.

Video Production

Fascinated by the glamour of the broadcast world? Learn what it's like to be behind and in front of the lights and microphones. Learn everything from preparing and editing a script to operating and repairing transmission equipment, cameras, recorders and lights.

Health

Life Skills*

Meet the challenges of daily living with competency and confidence. Learn basic skills needed to make well thought-out decisions in school and at home.

Medical Assisting

Become an important member of the health care team and work in physician offices and clinics. Emphasis on front desk reception, office skills, and assisting with examinations and treatment.

Medical Laboratory

You'll be well qualified to conduct many of the medical tests doctors require to diagnose illnesses. Learn to use highly technical equipment to answer medical questions.

Nurse Assisting

Learn to care for patients and become 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 earn their CNA in their first year can continue in the second year in Tech's Professional Health Careers program.

*Smaller Class Size Program

Call: 667-6000 x300 or go to www.wilsontech.org

Service

Certified Personal Trainer

Learn all aspects of 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

Learn 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.

Cosmetology*

Learn hair styling, coloring, perms and relaxants as well as make-up, manicures and facials. Practice your talents on mannequins and other students as you earn hours toward your license as a cosmetologist.

Culinary Arts

Put some steam into your plans for the future. Learn to 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. Learn about child development as you get hands-on experience working with preschoolers in the on-site preschool learning lab. Experience an exciting career of working with young children.

Equine Studies

If you love horses, this program will give you a solid foundation in feeding, grooming, and riding. Learn to diagnose and treat general injuries and ailments of horses and the 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 learn what retailing is all about. Learn the theory of design and actually how to create patterns and make clothes.

Food Services*

Ready, set, cook... Learn one of the world's oldest and most respected professions. Get hands on training in cooking as well as serving some of your favorite foods. Prepare yourself for a growing and rewarding career in the food service industry. You'll never be hungry for employment.

Office Skills*

We now live in a service-based economy that is driven by the production of information. This program teaches students how to work in the modern business office. The skills include filing, keyboarding, communicating effectively, computing, practicing positive human relations, and making decisions.

*Smaller Class Size Program



FASHION DESIGN / MERCHANDISING

A Flair for Fashion

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



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 Prep for those in the smaller class size program.



CONSTRUCTION ELECTRICITY

Start Your Own Business

Students in Tech's Construction Electricity often plan to use their skills to become licensed electricians and then open their own businesses. You'll learn wiring and electrical servicing for both homeowners and industry.



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.

Police Science and Law

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. Learn appropriate investigative functions and techniques, patrol functions, forensics, security systems and emergency responses required for public/private security.

Retailing*

Learn about customer services such as cash and credit transactions. Retail students will become acquainted with general store management procedures involving store maintenance, purchasing, and merchandise displays. Students will practice what they learn in the Manor Plains Store and at off-campus worksites.

Veterinary Assisting

Learn all aspects of animal handling and care, including 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 Networking and Repair/Robotics/Electronics

Do you like tinkering with electronic gadgets? If computers intrigue you, this could be the course for you! Ground yourself in the theory and practice of electronics that you need to understand for circuit design and analysis. Learn how computers are designed and how computer circuits work. Learn to use electronic devices as you troubleshoot and repair computer equipment. Get a head start with the skills needed for this expanding technical field.

Computer Technology for Business

Get that business edge by learning word processing skills, creating spreadsheets, and researching on the web. Your skills will be invaluable wherever you work.

Design and Production Technology*

Come see and learn how the things we use everyday are made. Learn to use machinery and power tools, and gain experience using computer controlled lathes and laser engravers.

Electronic Manufacturing*

Students have plenty of time to ask questions as they build electronic circuits. You'll have lots of fun building and programming your own robotic car as you gain skills for jobs in local industries.

*Smaller Class Size Program

Call: 667-6000 x300 or go to www.wilsontech.org

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 learn 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*

This class will help you learn how to make basic repairs to automobiles. You'll work on cars in Tech's specially equipped shop as you learn to use the tools used in local businesses.

Automotive Technology

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

Auto Service Specialist (New Program, Sept. 2012)

This program primarily focuses on the maintenance aspect of the automotive industry, including servicing fluid levels, brakes, lighting and other basic repairs.

Aviation Science/Flight

Is your future up in the air? Learn 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 to small watercraft is a satisfying occupation. Become a qualified Marine Technician by learning all about servicing boat engines and managing marinas. Small engine repair will also be incorporated into the program. Great skills to have for many fields.

Career Exploration*

Uncertain of what to take? Career Exploration gives you the opportunity to try a number of Tech programs in smaller class size programs at the Manor Plains campus. At the completion of the one-year program, students focus upon a career and technical education course for the following year.

*Smaller Class Size Program



VETERINARY ASSISTING

Find a Career You'll Love

You never know what you'll find to cuddle or nurse back to health in Tech's Veterinary Assisting class! Between anatomy and biology assignments, students help care for cats, rabbits, ferrets, iguanas, birds, turtles and the occasional dog or goat. Come to Tech and make new friends!



COMPUTER NETWORK & REPAIR/
ROBOTICS/ELECTRONICS

Work with Your Hands

Tech students can earn academic credits while they study their chosen career at any of Tech's five campuses. For example, you'll learn math as you build different electronic circuits.

Tech Today, Your Future Tomorrow!

Advertising/Graphic Design
Aircraft Technology
Architectural Design/CAD
Audio Production
Auto Body Repair
Auto Maintenance*
Auto Service Specialist
Automotive Technology
Aviation Science/Flight
Building and Grounds/Maintenance*
Building Trades*
Carpentry
Certified Personal Trainer
Computer Networking & Repair/
 Robotics/Electronics
Computer Technology for Business
Construction Electricity
Cosmetology
Cosmetology*
Culinary Arts

Design & Production Technology*
Early Childhood Education
Electronic Manufacturing*
Equine Studies
Fashion Merchandising/Design
Food Services*
Heating/Ventilation/Air Conditioning
Life Skills*
Marine & Motor Sports Technology
Medical Assisting
Medical Laboratory
Nurse Assisting
Office Skills*
Photography
Police Science and Law
Printing*
Retailing*
Veterinary Assisting
Video Production
Welding

*smaller class size programs

See your guidance counselor or call:
667-6000, ext 300

Check out: www.mytechnow.org

Tell your parents to check out:
www.wilsontech.org

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



www.wilsontech.org

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