make your passion your career!

www.nassauboces.org/barrytech
www.nassauboces.org/gctech
WELCOME to Barry Tech & GC Tech

Barry Tech & GC Tech provide high school students with the opportunity to explore their career interests while developing the skills to become leaders both in their work and the community. We offer Career and Technical Education (CTE) programs, along with the qualifying academic credits specific to these programs. These are programs approved by the New York State Department of Education and promote success for every student. Along with our committed and experienced staff, our students are motivated and challenged to reach their highest potential.

We invite you to be part of Barry Tech & GC Tech because we offer:

• Programs that have state-of-the-art industry-approved technology and equipment
• College Articulations and Dual Enrollment agreements with prominent college and technical schools
• College enrollment days and our College Fair
• Real-work situations through Work-Based Learning: Shadowing, Internships, Co-Ops and Clinical Rotations
• Approved programs for the 4+1 CTE Pathways
• CDOS Credentials for students seeking an alternative pathway to graduation.

As you look through our course catalog and check out our virtual media on the website, you will learn that we are one of the most advanced and innovative Career and Technical Centers in New York State, as well as being in the forefront of the many changes in education and industry. Most of our students continue their education after graduation and have the skills to meet the demands of a high tech economy.

To learn more about the exciting world of Barry Tech & GC Tech, visit our websites at www.nassauboces.org/barrytech and www.nassauboces.org/gctech, contact your high school guidance counselor to attend our “Taste of Tech” days, or call the Barry Tech office at 516-622-6812 or GC Tech office at 516-434-7115 to arrange a tour. We hope to see you soon!

Sincerely,

Peter J. Dalton,
Principal
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## Symbol Key
- This course qualifies for the CTE 4+1 Pathway
- This course meets the requirements for CDOS Commencement Credential
BUSINESS INFORMATION SERVICES
Office Assistant Skills

COURSE AVAILABLE: Grades 10, 11 OR 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

In this course, students will learn all the skills necessary for working in an office environment. They will receive instruction in computer applications including Microsoft Word and Excel, office basics such as telephone etiquette and message taking, alphabetic filing rules, scheduling appointments, mail room skills, basic business math, and understanding workplace ethics. All students will participate in travel training and will work on job seeking and job keeping skills.

Students Will Learn to:
- format and edit business letters, memos, tables, and columns
- compute inventory and payroll spreadsheets in Excel
- perform alphabetic filing tasks
- operate various office machines

Students Will Develop Professional Skills, Including:
- time management
- teamwork
- interpersonal relations
- effective communication
- organizational skills

Work Experience Opportunities:
Worksites Include:
- NYS Department of Public Works
- AHRC
- Joe’s Corner Store at Barry Tech

Retail Skills

COURSE AVAILABLE: Grades 10, 11 OR 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

During this course, students will have the opportunity to help run a school retail store. They will learn about entrepreneurship, management, marketing and personal finance. All students will have an opportunity to be a cashier, bagger, greeter, stock person, counter person and security guard on a rotating basis throughout the year.

Students Will Learn to:
- operate a cash register
- develop marketing materials
- create store displays
- monitor inventory and stock
- prepare and serve food and beverage items
- use Microsoft Excel to prepare purchase orders
- prepare a resume
- practice job interview skills

Career Opportunities:
Students who complete this course will be qualified to seek entry-level positions in the retail services industry that allow for continued personal and professional advancement based on their desires and abilities. Some graduates attend continuing education programs to increase their skills. Typical job titles in retail include customer service representative, sales representative, cashier, inventory clerk, store manager and stock person.

Work Experience Opportunities:
Students who meet all eligibility requirements may participate in supervised, real-world, work-based learning offerings that include shadow days, internships or paid Co-Op experiences at workplace sites such as:
- CVS/Pharmacy
- DSW Shoe Warehouse
- Joe’s Corner Store at Barry Tech
- Trader Joe’s
- Walgreens Co.
- TJ Maxx
- Old Navy
- Home Goods
HEALTH SERVICES
Dental Assisting

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

Students will learn the skills needed to assist in all phases of dentistry, from taking X-rays to four-handed chairside assisting, and will have the opportunity to complete a clinical rotation and assist in actual dental procedures. Through hands-on experience, students will develop skills as receptionists, office managers, chairside assistants and the use of personal computers for patient records, billing and correspondence. Students will have the opportunity to work with new technology in digital radiography.

Students Will Learn to:
• assist in dental procedures
• handling dental/medical emergencies
• CPR certification
• instructing patients how to properly brush and floss
• preparing restorative and impression materials
• infection control
• sterilizing techniques
• taking, processing and mounting X-rays
• digital radiography, and much more

Career Opportunities:
Students who successfully complete this two-year course in addition to 200 hours of clinical experience will have the knowledge and skills necessary to sit for the New York State Dental Assisting Certification Exam. Participants must be at least 17 years of age and a high school graduate to apply for licensure. Students are responsible for the additional fees associated with taking this exam. Many graduates attend college to pursue further education in dental hygiene, dentistry or other health-related professions, and often use their skills to help pay expenses. Typical job titles in the field of dentistry include dental assistant (in private practice, hospitals or dental clinics), office manager (business assistant), receptionist/bookkeeper and dental product representative.

Exercise Medicine and Personal Trainer

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

This course is comprehensive and cutting edge, preparing students for an emerging career. The New York State Department of Labor identified it as one of the top 24 emerging occupations. Students will learn the systems of the human body and their interrelationships to health, fitness, disease, exercise, nutrition, strength, conditioning, injury, injury prevention and designing exercise programs for the athlete, general and special populations. Students will learn how to differentiate facts from fallacies as the relate to the human body, exercise and nutrition. This comprehensive course integrates classroom work with practical hands-on training/health fitness instruction and communication skills. Successful completion of the course prepares students to earn National Commission for Certifying Agencies (NCCA) from the Academy of Applied Personal Training Education (AAPTE), the National Council on Strength and Fitness (NCSF) and/or the American Council on Exercise (ACE).

This coursework builds a solid foundation for educational and career interests such as athletic training, physical education, exercise science, exercise physiologist, sport psychologist, strength coach, dietician/nutritionist and associated allied health and medical careers.

Students Will Learn:
• anatomy and physiology of human performance
• exercise mechanics
• exercise program design for strength, endurance and cardiorespiratory fitness
• weight management through exercise and nutrition
• concepts in nutrition supplements and anabolic steroids
• clinical and fitness assessment (flexibility, blood pressure, resting heart rate) and body composition
• human anatomy – introduction to the structure and function(s) of the muscular skeletal/nervous and cardiovascular systems
• anatomical terminology
• nutrition
• functional anatomy
• medical terminology
• health and medical conditions
• mechanisms of injury
• athletic, exercise and sports-related injuries
• CPR-AED emergency and first aid procedures
• spinal mechanics
• flexibility, and range of motion
• the business and ethics of personal training
• mind-body exercise
Health Care Skills

COURSE AVAILABLE: Grades 10, 11 OR 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

In this course, students will learn the skills needed to prepare for basic, entry-level jobs in a variety of health-related occupations. They will study anatomy, physiology and microbiology, and learn to understand and implement universal precautions. Students will also develop effective communication skills and the ability to work in a team environment. Computer modules are incorporated into class work.

Students Will Learn:
- sterilizing procedures and infection control
- patient wheelchair transport
- bed to wheelchair transfer
- preparing an open/closed hospital bed
- taking and recording pulse, blood pressure and temperature
- measuring height and weight
- understanding nutrition and special dietary needs
- body mechanics
- anatomy and physiology
- basic medical terminology

Career Opportunities:
Upon completion of this course, students will be able to work in several non-licensed entry-level positions in hospitals, clinics, dietary departments, adult day treatment centers and nursing homes. Graduates may opt to attend a post-secondary institution or college to continue their education in a health career field. Typical job titles in healthcare include transport assistant, transporter, bed and bath team member, hospital bed maker, adult day treatment counselor, patient communicator and dietary aide.

Medical Assisting

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech or GC Tech

Through extensive hands-on instruction, students will acquire skills to assist doctors in all phases of medicine and skills needed for medical and allied health careers. They will learn vital signs, blood pressure, infection control, instrument and tray set ups, professional communication, law and ethics. They will also learn to use computerized EKG machines, specimen collection, urology testing and throat culture. Computer applications are also part of the curriculum.

Potential Medical Assistants Will Learn Skills, Such as:
- conducting hearing and vision screenings
- performing allergy tests and immunization
- preparing and administering oral and injectable medications
- assisting in physical and gynecology exams
- instrument identification
- capillary puncture
- EKG
- infection control

Career Opportunities:
Medical Assisting is one of the fastest growing fields in the U.S. today.

With the increasing demand for healthcare and the growing changes in the medical field, the role of the medical assistant has expanded and is in high demand. Students who complete this course will be qualified to work in a variety of entry-level positions, such as clinics, emergency care centers, health centers, hospitals, physician’s offices, medical labs, public health systems, schools and blood banks.

At the end of the second year of this program, qualified students in good standing have the opportunity to sit for the Certified Health Professionals National Certification in Medical Assisting. Those who pass and graduate from high school will receive their certification in medical assisting. This course offers an excellent foundation for college-bound students interested in health careers such as pre-med, scientific or medical research, physician’s assistant, nursing, medical tech, EMT, pharmacology, respiratory therapy, radiology, physical therapy, lab technology, X-ray tech, sonography, and medical office administration. Typical job titles in this field include medical assistant, medical receptionist, office assistant, ICD-9-CPT coder, medical biller and ward clerk.
Upon completion of the required training and exams, students will have the opportunity to be certified in CPR, Heart Saver/First Aid through the American Heart Association.

**Nurse Assisting**

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

Healthcare careers are in great demand in the 21st century. Students in this course will develop the skills and understanding needed to care for patients/residents in various healthcare facilities. They will be able to apply the skills learned in a supervised clinical setting, taking their first step on the career ladder of the nursing profession. The nursing assistant’s responsibilities are centered around all bedside care under the direction of the registered nurse (RN). Student nursing assistants will learn patient care skills, infection control principles, safety measures and proper communication techniques, as well as the proper use of all types of equipment used in healthcare facilities. Students will learn about the human body and how to care for patients/residents with various medical conditions. Critical thinking and problem-solving skills will be taught, as well as organizational and time management skills. Students will learn about diversity in the workplace and how to treat patients/residents with respect and dignity. Students will learn basic nursing care, as well as specialized care (e.g., care to patients/residents with sensory impairments and speech impediments, as well as changes in nutritional needs.)

After 2 years, students will have the knowledge and skills necessary to take the New York State Certified Nurse Assistant (CNA) exam.

**Students Will Learn:**
- anatomy and physiology  
- medical terminology  
- nutrition and fluids  
- growth and development, geriatrics  
- CPR, first aid, and common health issues  
- 21st century healthcare changes  
- hearing, speech and vision problems

**Physical Therapy Aide and Rehabilitation Medicine**

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

Interested in helping children, athletes and people with injuries? Physical therapy helps patients regain function and improve mobility, relieve pain and prevent permanent physical disabilities by restoring, maintaining and promoting overall fitness and health. This entry-level course will prepare students to become part of a rehabilitation team. Students will assist in performing patient positioning and range-of-motion exercises while developing an understanding of both applications. Students will learn theoretical concepts and practice skills, then move into a patient care setting where they will gain firsthand experience with patients and hone their skills.

**Therapy Aides-in-Training Will Learn:**
- how to treat many populations including children, athletes, the elderly and people with health-related conditions  
- anatomy and physiology  
- medical terminology  
- how to measure vital signs  
- range-of-motion exercises  
- use of canes, crutches and walkers  
- massage therapy  
- hot packs/ice applications and sports medicine  
- stretches/strengthening exercises  
- whirlpool therapy  
- fitness, nutrition and weight control  
- office duties

Upon completion of the required training and exams, students will have the opportunity to be certified in CPR, Heart Saver/First Aid through the American Heart Association.
Auto Collision Technician

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

This course provides practical instruction in basic auto body repair and continues on to advanced techniques and technology. In the second year, students will estimate repair costs on vehicles, perform the repairs for actual customers, and are expected to meet or surpass industry standards.

They Will Also Learn Techniques in:
- Sheet metal straightening
- Sheet metal alignment
- Plastic repair
- Painting and refinishing
- Compounding and polishing
- Diagnosing and measuring damage
- Estimating repairs

Auto Skills

COURSE AVAILABLE: Grades 10, 11 or 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

In this course, students will progress from basic to advanced skills in the automotive technology field. Students will receive a basic introduction to automotive careers, learn about certifications, and practice using basic hand and power tools, as well as other equipment, such as an oxygen/acetylene torch. Students will learn suspension and steering work, including inspecting and replacing shock absorbers and MacPherson struts, and identifying the parts of a rack and pinion system. Cooling systems, basic electrical systems and engine performance will also be covered. This course stresses proper dress code, punctuality and responsibility. Many of our students will compete in industry-based competitions.

Using the Tools and Equipment of the Trade, Young Technicians Will Learn How to:
- Jack and support a vehicle
- Remove and replace exhaust systems, disc and drum brake systems
- Machine cut discs and drums
- Balance and rotate tires
- Remove a tire from a rim using a tire changer
- Perform general maintenance, including oil and filter replacement, chassis lubrication and fluid level check
Automotive Technology

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech or GC Tech

With the technological advancements of today’s automobile, even routine maintenance procedures require analytical thinking, dexterity and patience. In this fast-paced course, students will be trained to use state-of-the-art diagnostic, machining and hydraulic test equipment.

**Future Technicians Will Learn:**  
- Hand tool and equipment safety  
- Basic automotive fundamentals  
- Hybrid vehicle safety

**In Addition, the Course Will Focus on National Automotive Technicians Education Foundation:**  
- A5 brakes  
- A6 electrical  
- A8 engine performance  
- A4 suspension  

These 4 core Automotive Service Excellence (ASE) areas prepare students for automotive certifications. Each area of focus is instructed by ASE certified technicians with 20 years of automotive experience.

**Work Experience Opportunities:**  
Barry Tech and GC Tech are two of the few New York State high schools selected to be an Automotive Youth Educational System (AYES) Training Center. Our automotive program has passed the rigorous industry standards established by ASE. Students who fulfill the competencies of the program are fully qualified as entry-level technicians.

Aviation Operations

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

This course will prepare students to take the Federal Aviation Administration (FAA) Private Pilot Written Exam while also providing aircraft flight training that can be credited toward a Private Pilot License. Some students choose to supplement their flight training with private lessons enabling them to complete their first solo flight and possibly earn their Private Pilot License while still in high school.

This course is also ideal for those students considering the pursuit of non-flying aviation careers as well. The classroom is actually a teacher-directed computer lab with each student having his or her own classroom computer with internet access and advanced aviation training software. In addition to the individual computer stations, the classroom is also equipped with a full motion flight simulator with a moving computer-generated panoramic visual display. The simulator is approved by the Federal Aviation Administration.

During student flight training, environmentally friendly aviation industry practices will be reinforced such as following published noise abatement procedures during all phases of flight when possible. Additional environmentally safe practices include the use of high tech fuel strainers during the aircraft preflight inspection. The fuel strainers enable fuel samples to be recycled to prevent harm to Long Island’s environment.

Aircraft flight training will be conducted at Republic Airport.

**Work Experience Opportunities:**  
Students who meet all eligibility requirements may participate in supervised, real-world, work-based learning offerings that include shadow days and internships.
Carpentry

COURSE AVAILABLE: Grades 11–12  
COURSE LENGTH: 2 years  
LOCATION: Barry Tech

In Carpentry 1, the students will learn the basics of:
- hand and power tool use  
- measurement and construction math  
- roofing  
- window and door installation  
- exterior siding  
- materials estimation

In Carpentry 2, the students will learn the basics of:
- additional hand and power tool use  
- related construction math  
- metal framing  
- drywall, taping and spackling  
- interior trim installation  
- stair and railing construction  
- cabinet installation

Along with the construction aspect of the program, the students will learn about blueprint reading, estimation, and related English, math and science. Additionally, the students will be taught the basics of financial management.

Construction Electricity

COURSE AVAILABLE: Grades 11–12  
COURSE LENGTH: 2 years  
LOCATION: Barry Tech or GC Tech

Students in this course will learn residential and commercial/industrial wiring in a shop equipped with mock-ups of residential buildings, and a motor control center, which simulates the commercial and industrial environment. Software applications specific to construction electricity will be used to supplement instruction. Electricians-in-training will learn the math and science needed to understand electricity in a practical, hands-on context where theory is always related to real life. Students will practice installations using Romex and armored cable methods, and bend rigid and thin wall conduits. They will also gain experience working with specifications and electric codes, as well as reading building plans and technical sketches. Alternative energy fundamentals such as photovoltaic solar panels and wind energy will be introduced.

Students Will Learn How to Install and Service:
- chime systems and lighting fixtures  
- conductors, cables and boxes  
- electric heat  
- motors, electrical controls and transformers  
- switches and outlets

Computer Technology

COURSE AVAILABLE: Grades 11–12  
COURSE LENGTH: 1 year  
LOCATION: Barry Tech

The Computer Technology program consists of computer hardware and software technology instruction that will help students understand and learn the basic concepts, functions, and nomenclature of computer technology. Students will learn about the components and peripherals of a computer, as well as all the technical nomenclature unique to this area. Students will acquire knowledge on motherboards, storage media, various expandable memory, multimedia cards, operating systems, account and help desk management, anti-virus protection, remote desktops and printer management.

The students will be introduced to the theory behind basic electronics and digital electronics, number systems, Boolean algebra, memory elements, logic elements, timing elements, digital computer logic circuits (AND, OR, NAND, NOR), multivibrator circuits, clock, computer organization arithmetic, control memory, input and output units, elements of programming and use of microcomputers such as the Arduino boards, including robotic applications.

Students who complete this course are equipped with the skills needed for employment in the computer industry, and are often recruited by local companies. Graduates frequently pursue further training at technical schools, colleges, or in the military.
Construction Trades

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 1 year only
LOCATION: Barry Tech

This course will introduce students to the basic construction fields: construction electricity, masonry, plumbing and carpentry. Students will be trained as building maintenance workers, and will be required to operate hand and power tools and other specialized equipment. Students will obtain an Occupational Safety and Health Administration (OSHA) 10-hour work card needed to work on major construction sites. Students must be able to work accurately with measuring tapes, and have solid math skills in fractions, multiplication, division and percents. They must also be able to read and follow instructions in operational procedures and on safety warning labels.

Students Will Learn the Basics of:
- plumbing maintenance and repair, such as working with pipes and fittings
- carpentry, including repair, framing, installation and concrete form construction
- masonry, mixing and placing concrete, finishing
- electricity, introduction to basic wiring
- performing critical thinking as skilled labor
- the set up and use of a laser or optical builders levels.

Construction Trade Skills

COURSE AVAILABLE: Grades 10, 11 OR 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

Students in this course will develop the skills they need to begin a career in construction. Students will receive individualized instruction in maintenance work with an emphasis on repair-oriented projects, and participate in active learning in a variety of building maintenance areas.

Students Will Learn:
- clean or prepare construction sites to eliminate possible hazards
- shovel stone aggregate under the direction of a supervisor
- measure, mark and align structural elements
- load or unload building materials and distribute them at appropriate locations on a building site
- erect or dismantle scaffolding, bracing, traffic barricades, ramps or other temporary structures
- position or dismantle forms for pouring concrete, using saws, hammers, nails or bolts

Construction Trainees Will Learn Skills, Including:
- general carpentry
- basic plumbing and wiring
Heating, Ventilation, Air Conditioning (HVAC)/Plumbing

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech or GC Tech

This course of study will combine classroom theory with hands-on training in heating, ventilation, air conditioning, plumbing and all related climate control systems extending to “Smart Home” technologies that will prepare Long Island’s students for entry-level positions in this increasingly important career. Students will learn on actual field equipment and will engage in basic safety around skills such as pipe-fitting, soldering, wiring of controls and system operation.

Students Will Practice:
- installing bathroom fixtures
- reading blueprints, drawings and schematics
- the requirements of the plumbing code
- clean air requirements
- heating and ventilation
- refrigeration and air-conditioning

Specific Lessons Include:
- Hydronic pipe sizing
- Heat Land Calculations
- Equipment Selection
- Gas pipe sizing
- estimation
- installation of drain, waste, vent and hot and cold water distribution systems
- heating and ventilation
- pipe fitting
- OSHA 10 certification
- AC system operation
- climate control
- EPA 608 Technician Certification
- NCCER Core
- Plumbing 1
- HVAC 1 Credit toward certification
- PEX Certification
- Construction Site Safety Technician (CSST) Certification
- New York Committee for Occupational Safety and Health (NYCOSH) Certificate
- Advanced Hydronics Certification

Network Cabling Technician/Home Technology Integration (HTI)

COURSE AVAILABLE: Grades 11 OR 12
COURSE LENGTH: 1 year
LOCATION: Barry Tech

In this introduction to computer networking, students learn to network computers using the Windows Server operating system and install and maintain a basic network. Other topics covered include protocols of data communications and communication architecture. What it takes to build, analyze, diagnose, and service networks in the home or business are also covered. The Internet and World Wide Web (WWW) are discussed as are the related hardware and software topics. Previous knowledge of Windows is helpful, but not required.

Students Will Learn:
- installation, configuration, diagnosis and preventive maintenance
- wireless communications for data and voice
- copper network cabling for data, voice, home entertainment and security systems

During 450 Hours of Study, Future HTI Specialists Will Cover Topics, Such as:
- networking
- design of home and commercial networks
- wireless installation
- home security and access systems
- video and audio equipment
- “firestopping” – products that halt the spread of fire, smoke and/or toxic gas.
Powersports and Engine Repair

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

This course will train students in the basics of repairing small engines, outdoor equipment, and powersport vehicles. In the first year, students will learn the components and systems that make-up a small engine. Students will learn 4-stroke/2-stroke engine operation, maintenance procedures, diagnostics and repair. Throughout the year students will troubleshoot and rebuild various small engines and outdoor equipment. While the year progresses the students will have the opportunity to earn online certifications through the Briggs and Stratton technician training course. Briggs and Stratton require all their service technicians nationwide to complete these exams. In addition, students will become First-Aid certified by the American Heart Association.

Students Will Practice:
- rebuilding small engines and outdoor power equipment
- diagnostics of small engines and related equipment
- retrieving information from the service manuals
- calculating the cost of the repair
- diagnose and repair components on recreation vehicles
- dismounting and mounting tires
- measuring wheelbase and track on recreational vehicles to enhance performance

Welding

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

In this course, students will learn to fuse different types of metals. Welding and cutting processes will be implemented in a real-world shop setting utilizing state-of-the-art welding equipment, as well as computer numerical control (CNC) plasma cutting equipment. They will be able to assess and evaluate their welds through nondestructive and metallurgical destructive test methods. Identification, selection and application of welding electrodes and filler rods will also be taught.
Barbering Technician

COURSE AVAILABLE: Grades 11 or 12  
COURSE LENGTH: 1 year  
LOCATION: Barry Tech

This course is a combination of classroom instruction and laboratory opportunities that will develop academic and professional knowledge, as well as the skills required for job acquisition, retention and advancement, integrating technology and common core academics. The curriculum is designed to give an overview of the barbering industry, licensing and the opportunities for professional growth. The program emphasizes training in safety, sanitation, shaving, hair cutting, reception and sales, and will create opportunities for small business ownership.

Students who successfully complete 500-hours will be eligible to sit for the New York State Licensing Exam. Participants must be at least 17 years of age to take the New York State Barbering Licensing exam. Students may be able to receive American Heart Association’s CPR and First Aid Certification.

Career Opportunities:
Upon completion of this course, students will be qualified to seek entry-level positions in the personal care and barbering industries, while allowing for continued personal academic and professional growth. Students will be able to work as barbers.

Cosmetology

COURSE AVAILABLE: Grades 11–12  
COURSE LENGTH: 2 years  
LOCATION: Barry Tech or GC Tech

The curriculum consists of 1,000 hours of both written and practical training. It covers all phases in the field of cosmetology including the newest innovative techniques and methods allowing students to hone and foster their creative skills while being engaged in this student-centered learning environment. Students will be prepared for a rewarding and profitable entry into the growing beauty industry. Cosmetology prepares students for their New York State Board Cosmetology exams, which they must pass in order to become licensed cosmetologists in New York State.

Students Will Learn a Number of Skills in a Wide Variety of Areas, Including:
• highlighting and hair coloring techniques such as ombre, balayage, foiling, special effects color
• makeup techniques including highlighting and contouring, eyelash application, winged eyeliner, smoky eye, foundation matching, color correction, SFX (special effects), eyebrows
• performing complete makeovers including fun daytime looks, glamorous night-time looks and more
• skin care
• facial
• eyebrow waxing and shaping services
• styling hair for special events or prom
• performing all haircuts including blunt haircut, layered haircut, angels, v-cut, bangs and more
• applying hair extensions using techniques such as sew-in, tape-in, clip-in, micro beads, and more
• manicuring techniques including nail shaping, fashion forward nail art such as, an ombre look, matte nails and 3D nail art
Culinary Arts

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech or GC Tech

Students enrolled in this course will learn the art and science of quality food preparation and service. Our learning environment has been praised by industry experts as having one of the most sophisticated facilities in the country. Aspiring chefs will develop a solid foundation of cooking skills through actual work experience using standard recipes.

Not only will our students learn all the basic and advanced techniques, they will study safety, sanitation, and nutrition, as well as the Nassau County Board of Health regulations. Our young chefs will also prepare food for actual catered affairs including luncheons, conferences and parties.

Students Will Learn How to:
- develop knife skills
- create vegetable cuts and cooking skills
- use and maintain equipment
- plan and price menus
- purchase commodities
- leadership and teamwork skills
- to deal with customers, purveyors, and staff effectively

They Will Prepare:
- stocks, soups and sauces from scratch
- meats, poultry, fish and vegetables
- rice, pastas, potatoes and a variety of grains
- salads and dressings
- baked goods including rolls, breads, cakes, cookies, pies and muffins

Culinary Arts Skills

COURSE AVAILABLE: Grades 10, 11 or 12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

Culinary Arts students enrolled in this course will learn the art and science of quality food preparation and service. Our learning environments have been praised by industry experts as having one of the most sophisticated facilities in the country. Aspiring chefs will develop a solid foundation of cooking skills through actual work experience using standard recipes.

Not only will our students learn all the basic and advanced techniques, but also they will study safety, sanitation and nutrition, as well as, the Nassau County Board of Health regulations. Our young chefs will also prepare food for actual catered affairs including luncheons, conferences and parties.

Students Will Learn:
- knife handling and cooking
- purchasing and storeroom procedures
- customer service
- technical math and professional development

They Will Prepare:
- stocks, soups and sauces from scratch
- meats, poultry, fish and vegetables
- rice, pastas, potatoes and a variety of grains
- salads and dressings
- baked goods including rolls, breads, cakes, cookies, pies and muffins
Child Care Skills

**COURSE AVAILABLE:** Grades 10, 11 or 12  
**COURSE LENGTH:** 2 years  
**PLACEMENT:** Skills  
**LOCATION:** Barry Tech

In this course students will develop the skills needed to enter the Child Care profession. The course will provide students with a foundation in the principles of child development, basic health and safety, and training in the care of infants, toddlers and preschoolers. They will learn about the physical, social, emotional and cognitive development of each of the above-listed age groups. The course encourages both discussion and demonstrations of skills. Part of the curriculum will also include guest speakers such as the Safe House, Cornell Cooperative Extension, school directors and former students. Upon course completion and teacher evaluation, students may have the opportunity to be admitted to the two-year CTE Early Childhood Education program.

**Visitations:**
During the year, the class will visit local day cares and pre-schools. These may include: Harbor Child Care Center, Bethpage Nursery School and the Greenhouse at Nassau Community College. The visitations will offer the opportunity to further learn about the varied educational settings in our area. Job shadowing opportunities may also be available.

Students Will Learn How to:
- complete a babysitting binder  
- develop a resume and learn the steps involved in finding and applying for a job in the child care field  
- practice and develop effective communication skills to enable them to work with both parents and co-workers in a collaborative team effort  
- participate in computer and technology projects and lessons related to early childhood development  
- develop a personalized portfolio that aligns to the NYS Pre-School Common Core Learning Standards  
- create lessons and learning projects for infants, toddlers and preschoolers

Early Childhood Education

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

In this course, students will learn the basics and methodology of Early Childhood Education and Child Development. This course will provide students with a solid foundation in classroom arrangement and management and curriculum development for infants/toddlers/preschoolers and young children. They will study the fundamentals of working with both parents and staff in a school setting. Focus is stressed on the research findings that early years are a critical time for the physical, cognitive and social/emotional development of children.

Students will learn the fundamental aspects of how a child develops and prepare for entry-level employment in Early Childhood Education. Year one students will be visited by experts in fields such as: Safe Center, Cornell Cooperative Extension and local nursery and day care directors. In addition, numerous visitations to local day care and nursery schools will be planned.

Year two students will earn hours of formal child care education experience necessary to apply for the certification as a CDA: Child Development Associate. This course may also be used towards the 480 hours of experience working directly with children in group settings required for CDA certification. The CDA is a nationally recognized degree. In addition, year two students will complete 120 hours needed of CDA training for their CDA professional portfolio, including six competencies and resources, which is a necessary component towards achieving their CDA. Upon graduation from high school, students 18 years or older are eligible to apply for their CDA certification.
Police Science and Criminal Justice

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech or GC Tech

Students in this course will be introduced to the laws, practices and techniques necessary to work in the criminal justice system. Students will become familiar with the New York State court and corrections systems, police organizations and private security. Students will develop the skills needed to deal with social situations and security requirements as they affect the community. They will learn through hands-on, real-world activities such as mock trials, demonstrations, police patrol functions, field trips and lectures from guest speakers.

Students Will Learn:
- UAV Drone Operation
- LiDAR speed enforcement
- handcuffing techniques
- fingerprinting skills
- emergency response techniques
- private security systems
- communications skills
- CSI lab techniques
- police tactics
- crime scene investigation technique
- security business operations
- court systems and correctional facilities
- paralegal skills
- mock trial skills

Students Can Be Certified in:
- NYS 8-hour Security Guard Course
- NYS 16-hour Security Guard Course
- American Heart Association Heart Saver/First Aid/CPR
- Various FEMA Courses

Career Opportunities:
Increased government and industry interest in designing and monitoring security systems, as well as anti-terrorism tactics, contribute to the growing job outlook in criminal justice and law enforcement. Graduates often continue their studies at a 2- or 4-year college, pursuing additional education to expand their career opportunities. Typical job titles in this field include police officer, corrections officer, probation officer, social worker or store detective. Men and women employed in criminal justice and law enforcement work with police departments, court systems, corrections facilities, military police and private security agencies.
NATURAL AND AGRICULTURAL SCIENCES
Animal Care

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

Students in this course are exposed to a wide range of animal-related careers. These careers include grooming, veterinary science, animal behavior and training, and laboratory/pet shop animal care. Students are given the opportunity to experience hands-on learning and training in the classroom, as well as in various work-based learning facilities.

Students Learn:
- grooming
- parasitology
- animal behavior
- animal husbandry
- anatomy
- physiology
- animal diseases
- veterinary assistant skills
- CPR/first aid
- animal agricultural industry

Career Opportunities:
The pet industry is expanding, and the emphasis is on preventive health measures such as proper vaccination, nutrition, and grooming, which creates the need for animal support personnel. This course will prepare students for entry-level employment in a variety of settings.

Graduates who decide to pursue further education and earn a 2- or 4-year college degree can prepare for the New York State Licensed Veterinary Technician exam. These individuals may also decide to pursue studies in veterinary science, agricultural studies, biology or business management.

Animal Care Skills

COURSE AVAILABLE: Grades 10, 11 or 12
COURSE LENGTH: 1 or 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

Students completing 1 year of this 2-year course may receive up to 4 CTE credits OR distributed credits. Students in this course will explore careers in the pet and companion animal industries through a curriculum designed to teach entry-level skills that may lead to more complex career choices. Students will work with live animals using professional equipment in a classroom that serves as a functioning animal care facility. Students will progress from basic to complex skills associated with entry-level employment.

Students Will Develop Skills in:
- animal husbandry and handling
- animal health care and monitoring
- care and management of exotic animals
- pet shop operations
- professional grooming

Career Opportunities:
The expanding pet and companion animal industry continues to offer a variety of career opportunities, including support personnel in pet shops, veterinary offices, kennels, laboratories and grooming salons. Students who successfully complete this course will be prepared for entry-level employment. Typical job titles in the animal care field include animal caretaker, kennel assistant, and pet bather/fluffer.
Horse Science and Management

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

This course will teach students the skills and knowledge necessary to care for horses. Students will learn how to properly feed, handle, and manage different breeds of horses using all the equipment and tools required to manage a horse facility. They will also gain an understanding of the basic science, behavior, and proper nutrition of horses.

**Students Will Develop Skills In:**
- cleaning and maintenance of riding equipment  
- feeding and grooming  
- riding for exercise and training  
- diagnosis and administration of first aid for common injuries and ailments  
- stable and horse farm management

**Career Opportunities:**
With more than 100 horse farms located in Nassau and Suffolk counties — and the significant use of horses for show, racing, and leisure riding on Long Island — the need for well-trained personnel is growing at racetracks, breeding farms and riding stables. There is also a demand for trained professionals in veterinary offices locally, nationally and internationally.

Students who complete this program may find employment in a variety of settings that require equestrian skills. Many graduates pursue further education in equine science, veterinary assisting, animal science, veterinary technology or veterinary science. Typical job titles in this field include assistant trainer, breeding farm assistant manager, race horse groomer, exercise rider, show stable employee, veterinary assistant and veterinarian.

**Note:** Horse Science and Management is taught at a separate, fully-equipped facility dedicated to this course. The North Shore Equestrian Center is located at Long Island University/LIU Post, 720 Northern Boulevard (Route 25A), Brookville, NY 11548. For directions and a map, please visit www.nassauboces.org/barrytech and click the locations/directions link in the menu.

Horse Science and Management Skills

**COURSE AVAILABLE:** Grades 10, 11 OR 12  
**COURSE LENGTH:** 1 OR 2 years  
**PLACEMENT:** Skills  
**LOCATION:** Barry Tech

In this course, students will learn the skills needed to prepare for basic, entry-level jobs in the equine industry. This course puts real-life learning to use; students work with horses as they learn the basic needs, handling and care of horses, as well as the basics of stable and horse facility management.

**Students Will Develop Skills in:**
- riding for exercise and training  
- grooming and tacking of horses  
- leading and handling of horses  
- cleaning and maintenance of riding equipment  
- horse health care and monitoring  
- day-to-day stable and horse facility operations  
- basic horse science, behavior and proper nutrition for horses  
- presentation and demonstration skills

**Career Opportunities:**
Long Island has an increased demand for people trained to work in many aspects of the equine field due to the significant use of horses for show, racing, and leisure riding. Upon successful completion of this course students will be prepared for an entry-level position in the equine field. Students will be prepared to apply for immediate employment, for positions such as hot walkers, grooms, turn out personnel, tacking personnel and stall maintenance personnel.

**Note:** Horse Science and Management is taught at a separate, fully-equipped facility dedicated to this course. The North Shore Equestrian Center is located at Long Island University/LIU Post, 720 Northern Boulevard (Route 25A), Brookville, NY 11548. For directions and a map, please visit www.nassauboces.org/barrytech and click the locations/directions link in the menu.
Plant Science and Landscape Design

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: TBD

The Plant Science and Landscape Design program is designed to introduce students to the art and science of horticulture and landscape design in preparation for a wide range of entry-level positions in the green industry and college studies at Farmingdale State College.

Students Will Learn:
• In year one, a study of drafting techniques in landscape design will be undertaken to develop proficiency in lettering, landscape drafting, and layout using professional tools and instruments. Instruction, orientation and field experience in the various phases of horticulture will be conducted during the first year. Tools, techniques, underlying concepts and standards of workmanship will be covered.
• In year two, students will explore soils and their geologic formation and properties. Special attention is given to the focused manipulation of soils to achieve optimum plant performance in landscape situations. Investigative, hands-on laboratory exercises will develop an appreciation for soil as a dynamic living system with broad implications for agriculture and general society. Second-year students will also receive instruction in basic, universal computer concepts and terminology such as fundamentals of the Windows operating system and interactive experience at the beginning to intermediate levels with Microsoft Word, Excel and PowerPoint. The Internet will be used to supplement course content.

Veterinary Science

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

In this course, students can turn their love for animals into a career and embark on an exciting career path in veterinary medicine, where they can put their knowledge and compassion into practice. Students will develop the skills necessary to work with both small and large animals, ranging from laboratory animals to exotics. Students will learn how to assist licensed veterinary technicians and veterinarians in the various clinical and technical aspects of animal care, as well as in laboratory and diagnostic testing techniques and procedures. They will gain real-life, hands-on experience in a classroom that functions as a veterinary clinic and surgical suite.

Students Will Develop An Academic Foundation in:
• anatomy • physiology • parasitology • bereavement counseling • veterinary medical terminology • pharmacology • animal diseases • animal behavior ethics

Career Opportunities
Students who complete this course may find immediate employment as veterinary assistants in a variety of settings, including animal hospitals, clinics, research labs, pharmaceutical companies, public health and agricultural agencies, and in the pet industry. Graduates will also be prepared to pursue further studies in veterinary medicine, veterinary technology and biomedical research. Typical job titles in this field include veterinary assistant, veterinary technician, veterinarian and researcher.
**Animation and Digital Media Design**

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech  

**COMPUTER ANIMATION:** GC Tech

Creative students enrolled in the Animation and Digital Media Design course will see their art skills reach new heights as they produce a wide variety of both computer and traditional art and animation pieces.

**Students Will Learn**
- principles of design
- web and animation design
- interface layout for print and electronic media
- image processing and illustration
- portfolio preparation

**Students Will Learn to Use the Following Software:**
- Adobe Photoshop
- Adobe Flash
- Blender
- Adobe Illustrator
- Adobe InDesign
- HUE Animation Studio
- MakerBot Desktop
- Stickman Animator

**Students Will Learn to Use the Following Equipment:**
- Mac Computers
- Wacom Drawing Tablets
- MakerBot 3D Printer
- Epson Large Format Poster Printer
- Hue Animator Camera

**Student Work On Projects Such As:**
- animation
- stop-motion animation
- solid modeling
- claymation
- 3D printing
- web design
- digital photography
- digital branding
- photo retouching
- advertising design
- package design
- t-shirt design
- poster design
- ebook design
- 2D design
- promotional 3D design
- digital printing

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**Animation and Digital Media Skills**

**COURSE AVAILABLE:** Grades 10, 11 or 12  
**COURSE LENGTH:** 2 years  
**PLACEMENT:** Skills  
**LOCATION:** Barry Tech

In this course students will be introduced to the rapidly changing world of digital art and design. Students will use their creative skills in new and exciting ways as they produce a wide variety of computer and traditional art and animation pieces. The students will build a portfolio consisting of 2D and 3D works, computer-animated shorts, illustrations, advertising and promotional art, web, and 3D modeling and printing.

**Students Will Learn to Use the Following Software:**
- Adobe Creative Cloud, including Illustrator and Photoshop, HUE Animation Studio, MakerBot Desktop

**Students Will Learn to Use the Following Equipment:**
- iMac Computers
- Wacom Drawing Tablets
- MakerBot 3D Printer
- Epson Large Format Poster Printer
- Hue Animator Camera

**Student Work On Skills Such As:**
- animation
- teamwork
- project management
- stop-motion animation
- claymation
- 3D printing
- 2D computer art
- web design
- logo design
- photo retouching
- advertising design
- package design
- t-shirt and poster design
**Audio Production**

**COURSE AVAILABLE:** Grades 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

Through hands-on training, students will learn the basics including how to set up, operate, and maintain electrical equipment used in the industry. Students will learn audio production terminology and techniques. They will use instruments, microphones and digital audio workstations to create multi-track recordings. This course will provide experience in the areas of radio, television, commercial projects and live musical recordings. Projects will not only teach students to explore writing, producing, and engineering, but also they will gain an understanding of the history of music, musical styles and recording.  

**Students Will Learn:**  
- digital recording techniques  
- microphone characteristics and techniques  
- live sound re-enforcement  
- electronic operation and composition  
- multi-tracking and editing systems  
- audio recording history

**They Will Train for:**  
- television  
- radio  
- theater  
- concerts  
- films  
- commercial studios  
- studio recording  
- live events

**Career Opportunities:**  
- producers  
- broadcast technician  
- engineer  
- mixing engineer  
- mastering engineer  
- radio technician  
- production assistant  
- maintenance engineer  
- assistant engineer

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**Computer Game Design and Programming**

**COURSE AVAILABLE:** Grade 11–12  
**COURSE LENGTH:** 2 years  
**LOCATION:** Barry Tech

In the first year of Computer Game Design and Programming, students are immersed into the ever-growing industry of video game development as they learn to design and program their very own high-level, fully functioning video games! Using professional industry-grade software along with state-of-the-art equipment, students will apply and strengthen their math, science, logic skills and more to create a multitude of finished video game projects, covering a wide array of popular genres.  

In the second year of Computer Game Design and Programming, returning students will see their creative and technical skills skyrocket as they learn how to program more advanced video games with a bevy of new features and techniques to add to their repertoire.
Students Will Learn:
• project management • teamwork • computer programming • 2D computer art • 3D computer art • computer animation • user interface design • strategic and tactical design • music and sound engineering • level design • logical and algebraic thinking • character development • story development and planning • concept mapping • simulated physics programming • communication • rapid design and prototyping • market analysis • computer software testing • debugging

Computer Game Design and Programming Skills

COURSE AVAILABLE: Grade 11–12
COURSE LENGTH: 2 years
PLACEMENT: Skills
LOCATION: Barry Tech

Computer Game Design and Programming Skills is the perfect blend of core content and exciting student engagement! Students will design and build more than a dozen video games using industry standard software, 3D printers, drawing tablets, game controllers, rapid program prototyping utilities and standard business applications. Students who complete this course will be able to plan and manage a computer design project, implement programming for user interactions, develop computer art and animations, understand computer programming, create storyboards and character maps, design and build video games.

Students Will Learn:
• project management • teamwork • computer programming • 2D computer art • 3D computer art • computer animation • user interface design • strategic and tactical design • music and sound engineering • level design • logical and algebraic thinking • character development • story development and planning • concept mapping • simulated physics programming • communication • rapid design and prototyping • market analysis • computer software testing • debugging
Fashion Design Technology

COURSE AVAILABLE: Grade 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

Fashion is an exciting area of study with many career opportunities. The Fashion Design Technology course will give students an overview of the fashion industry during a 900-hour program with the emphasis on the creative end of fashion design.

In this course, students will develop a solid foundation in the practical skills they need to become designers, using state-of-the-art equipment, such as dress forms and industrial sewing machines. Throughout the course they will compile a professional portfolio to showcase their work, as well as create garments that will be highlighted on the runway in an end-of-the-year fashion show.

Young Designers Have the Opportunity to:

- create their own original designs (such as prom dresses and sportswear)
- model and exhibit completed garments
- attend guest lectures delivered by experienced professionals

Video Production and Digital Film Making

COURSE AVAILABLE: Grades 11–12
COURSE LENGTH: 2 years
LOCATION: Barry Tech

Through hands-on training, students in this course will learn the ropes of the broadcasting, corporate video, and film industries using state-of-the-art equipment.

Students Will Learn:

- pre-production
- studio/location production
- post-production editing

They Will Develop Their Technical Skills in:

- Final Cut Pro
- Motion 4
- graphic animation
- cinematography
- audio engineering
- lighting techniques
- directing and screen writing

Students Will Practice Leadership Roles Through:

- directing
- performance
- production crew responsibilities
- equipment management

They Will Work as a Team to Accomplish:

- screenplay writing
- short films
- news broadcasts
- commercial advertisements
- music videos
- documentaries

Career Opportunities:

Many graduates choose to continue their studies at 2- and 4-year colleges pursuing degrees, and/or seeking careers in the many growing areas of the communications industry, including cable television, webcasting, video production, and distance learning. Typical job titles in the communications field include camera operator, desk assistant, film/ videotape editor, gaffer, grip, lighting assistant, production assistant, video engineering assistant and prop person.
Who Should Apply
Tenth grade students are encouraged to visit Barry Tech and GC Tech anytime during the school year, but early enough to make a decision to apply by February or March. Some classes fill up quickly.

Barry Tech and GC Tech CTE General courses are for students who:
- Achieve at grade level or above.
- Have completed graduation requirements on schedule for the grade they are in high school (on target to graduate).
- Work well in a class of 20-25 students, work independently and in small groups (teams).
- Plan to seek further education or go to work in their chosen CTE field.

Barry Tech CTE Skills courses are for students who:
- Require more individualized instruction and/or special instruction as a result of an IEP, 504 Plan or LEP.
- May be headed for a CDOS Credential.
- Can work well in a 15/1/1 setting.
- Plan to seek further education or go to work in their chosen CTE field or college.
- Require coordination with a district Transition Plan and Committee on Special Education.
- May attend for more than two years in order to fulfill graduation, curriculum and/or specific CTE requirements.
- Require additional application materials and an interview to be accepted.

When to Apply
New applications will be accepted beginning January 27, 2020

Current Juniors returning for their second year as Seniors at Barry Tech and GC Tech need not apply. Their home school counselors will be contacted to confirm enrollment for the continuing year.

How to Apply
Visit your home school counselor. The home school counselor can start the application process for Nassau BOCES RSIP programs at Barry Tech and submit the application online. GC Tech currently accepts paper applications.

The admission process involves a comprehensive review of each student’s school records, including attendance, transcripts, report cards, test scores, comments from school personnel, and health records. (Occasionally, students may be interviewed.)
Board of Cooperative Educational Services of Nassau County
Susan Bergtraum, President; Deborah Coates, Vice President
Michael Weinick, District Clerk; Fran N. Langsner, Vice District Clerk
Ronald Ellerbe, Martin R. Kaye, Robert “B.A.” Schoen, Eric B. Schultz
Dr. Robert R. Dillon, District Superintendent
James R. Widmer, Associate Superintendent for Business Services
Dr. RG France, Associate Superintendent for Curriculum, Instruction and Educational Services

www.nassauboces.org

Department of Regional Schools and Instructional Programs
Dr. Carla Theodorou, Executive Director
Judith A. Hynes, Assistant Director
Jyoti Sood, Supervisor, Data and Technology

Barry Tech & GC Tech Administration
Peter J. Dalton, Principal, Barry Tech & GC Tech
Dr. William Poll, Assistant Principal, GC Tech
Patrick J. Dunphy, Assistant Principal, Barry Tech
Sean Johnson, Assistant Principal, Barry Tech
Madelaine Hackett, Assistant Principal, Barry Tech and In-District Programs

www.nassauboces.org/barrytech
www.nassauboces.org/gctech

Non-discrimination Statement
The Nassau BOCES advises students, parents, employees and the general public that it offers employment and educational opportunities without regard to age, race, creed, color, national origin, sexual orientation, religion, military/veteran status, sex (including pregnancy, childbirth, or related medical condition), gender, gender identity, gender expression, marital status, disability, predisposing genetic characteristic(s), or domestic violence victim status. Moreover, the Nassau BOCES shall provide equal access to the Boy Scouts and other designated youth groups.

Information and grievance procedures are available by contacting the following Civil Rights Compliance Officers at 71 Clinton Rd., Garden City, NY 11530: Dr. Valerie D’Aguanno, Executive Director of the Department of Human Resources at 516 396-2358, vdaguanno@nasboces.org and/or Selma Stoddard, Esq., Attorney (Employee Relations), Department of Human Resources at 516-396-2360, sstoddard@nasboces.org. Inquiries concerning the application of regulations prohibiting discrimination may be referred to the above-mentioned Civil Rights Compliance Officers or to the Office for Civil Rights at NY Office for Civil Rights, U.S. Department of Education, 32 Old Slip, 26th Floor, New York, NY 10005-2500 or call 646-428-3900, or fax 646-428-3843, or TDD 800-877-8339 or email OCR.NewYork@ed.gov or file form at https://www2.ed.gov/about/offices/list/ocr/complaintintro.html.