



The mission of the School of Computer and Electronic Engineering Technologies is to prepare students with a high degree of academic and technological knowledge to enter the work force as highly skilled technicians and/or to successfully pursue a post-secondary degree.

We will engage students in rigorous and academically challenging curricular activities to develop critical thinking and problem solving skills. We will work to ensure that our students learn the literacy and social skills necessary for them to become productive citizens and life-long learners.

MISSION

We will work to instill within our students an appreciation for the value of teamwork, community, and self. We will strive to have students gain an appreciation for technology and the careers that await them when they graduate.

It is the policy of the Department of Education of the City of New York to provide equal educational and employment opportunities for all persons without regard to race, gender, religion, ethnicity, marital status, sexual orientation, disability, age, or national origin. The Department of Education of the City of New York is an affirmative action employer and is committed to the Title IX and Title XXIV Civil Rights Act of 1964, Title III of the Education Amendments of 1972, Age Discrimination in Employment Act of 1967, Section 503 and Section 504 of the Rehabilitation Act of 1973, Fair Labor Standards Amendments of 1974, Secondary Education and Control Act of 1980, Title VII of the Americans with Disabilities Act of 1990, Civil Rights Act of 1991, New York State and City Human Rights Law, and Provisions of local Ordinances in Collective Bargaining Agreements of the Department of Education of the City of New York. Office of Equal Opportunity / 718/212-2424/ada@doe.nyc.gov

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The High School

Conveniently located in Long Island City, QVTHS is a Career and Technical Education high school comprised of four Smaller Learning Communities. These small schools foster personal growth, academic excellence and specialized career skills.

Small Learning Communities

QVTHS is divided into four schools, each with its own theme and focus. The programs are:

School of Exploration & Discovery

(for all 9th grade students)

School of Entrepreneurial Studies

(business, cosmetology and graphic arts)

School of Skilled Building Trades

(plumbing and electrical installation)

School of Computer & Electronic Engineering Technology

(A+ computer repair, robotics, fiber optics)

Facilities

- *3 fully equipped cosmetology salons.
- *3 state-of-the-art computer labs, wired for high speed connectivity.
- *Wireless access throughout the building, media center and research lab, and laptop computers are available for student use.
- *Gymnasium, cafeteria and library.
- *State-of-the-art, newly renovated auditorium.

Extracurricular Activities

Organizations: Student Government, Presidential Honor Society, Vocational Voice Newspaper, Literary Magazine, Peer Mediation/ Conflict Resolution, Mock Trial, and the Lincoln-Douglas Debate Team.

Clubs: Future Business Leaders of America, Vocational Industrial Clubs of America, Teen Outreach Pregnancy Prevention & Chess.

PSAL: Baseball, Handball, Basketball, Bowling & Softball

REMINDER:
Use these
codes for
your
application



1890
Q68L

N88N
Q68N

Pre-Engineering Electronic Technology

Incoming freshmen are required to complete our Exploratory Program, which exposes students to the different majors we offer. Students who select 9th year computer technology also have the option of choosing pre-engineering at the end of 10th year. Students who select Pre-Engineering will go through the following sequence:

10th Year Electronics Technology

AC/DC circuit analysis, soldering, and wiring of various circuits

11th Year Electronics Technology

Basic robotics (VEX Robotics Competition), telecommunication technology, solid state devices, amplifiers, and digital electronics.

12th Year Electronics Technology

Advanced robotics technology (US FIRST Robotics Competition), PC fabrication, alternative energy theory & practice.

Students will be given the opportunity to become certified in:

Copper Network Cabling
Fiber Optics Network Cabling

Computer Technology and Information Systems

Incoming freshmen are required to begin the Computer Technology Program starting with the 9th grade. At the end of the 10th year, students have the option of selecting computer technology or pre-engineering electronic technology. You will go through the following sequence:

9th Year Computer Technology

Intro to computer hardware & software theory, operating systems, DOS and basic web design

10th Year Computer Technology

Basic computer assembly & troubleshooting, operating system and networking labs

11th Year Computer Technology

Advanced computer assembly and troubleshooting (Hardware & Software), A+ cert. exam prep

12th Year Computer Technology

A+ Essentials & IT certification exam, advanced networking w/ laser printers, routers & etc.

Students will be given the opportunity to become certified in:

Copper Network Cabling
Fiber Optics Network Cabling
CompTIA A+ certification

School of Computer and Electronic Engineering Technologies Partnerships:

Queens Borough Community College
LaGuardia Community College
CompTIA
C-Tech

All students must, by the end of their senior year, complete a 60 hour internship in their trade area.