

The mission of the School of Skilled Building Trades (SSBT) is to prepare students to excel in the skilled building trades as well as in secondary education. We provide standards-based instruction in a personalized, collaborative environment. We integrate a rigorous academic curriculum with our core career and technical program.

Students currently choose between a three-year concentration in Plumbing Design and Technology or Electrical Installation and Design, culminating in certifications in these respective industries.

Upon graduation, our students are prepared to become skilled professionals who are effective communicators, problem-solvers and decision makers. They are encouraged to seek solutions as ethical, responsible workers and as civic-minded industry and community leaders.

MISSION

It is the policy of the Department of Education of the City of New York to provide educational and employment opportunities without regard to RACE, COLOR, RELIGION, CREED, ETHNICITY, NATIONAL ORIGIN, ALIENAGE AND CITIZENSHIP STATUS, AGE, MARITAL STATUS, DISABILITY, SEXUAL ORIENTATION, GENDER (SEX), PRIOR RECORD OF ARREST OR CONVICTION (EXCEPT AS PERMITTED BY LAW), AND TO MAINTAIN AN ENVIRONMENT FREE OF UNLAWFUL HARASSMENT, INCLUDING SEXUAL HARASSMENT AND RETALIATION. This policy is in accordance with the Title VI and Title VII of the Civil Rights Act of 1964, Title IX 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, Investigation Reform and Control Act of 1986, The Americans with Disabilities Act of 1990, Civil Rights Act of 1991, New York State and City Human Rights Laws and Provisions of Non-Discrimination in Collective Bargaining Agreements of the Department of Education of the City of New York, Office of Equal Opportunity | [https://www.nycenet.edu/users/85-Cisnet-Street,-Brooklyn,-New-York-11201-\(718\)935-3320](https://www.nycenet.edu/users/85-Cisnet-Street,-Brooklyn,-New-York-11201-(718)935-3320)

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Constructing The Future

The School of Skilled Building Trades

@ Queens Vocational & Technical High School

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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 & 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.

Extracurricular Activities

Organizations: Student Government, Presidential Honor Society, Vocational Voice Newspaper, Creative Arts Group, Online 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



Q68J

Q68K

Incoming freshman are required to complete our Exploratory Program, which exposes students to the different majors we offer. This twelve-week sequence is mandatory. Before the end of your freshman year, students will select from one of the following majors:

Electrical Construction and Design

10th Year Electrical Design

Low Voltage wiring, including signal wiring, intercoms, fire alarms and telephone circuitry.

11th Year Electrical Design

Residential wiring, including, blueprint reading, NEC regulations and various wiring methods.

12th Year Electrical Design

Motor Theory and Motor Control
Applied motor theory, troubleshooting techniques and circuitry.

Students will be given the opportunity to become certified in:

Copper Network Cabling
Fiber Optics Network Cabling
OSHA (10 Hr. General Industry)



Plumbing Construction

10th Year Plumbing Curriculum:

Safety, basic math, hand tools, materials and their connections, drainage, waste and vent systems, water systems, tactile skills, reading and writing related to trade area.

11th Year Plumbing Curriculum:

Power tools, threading machines, cast iron cutting, copped soldering, PVC piping, water reservoirs and distribution, gas giping, drainage systems, career opportunities.

12th Year Plumbing Curriculum:

Power tools (various), Groover, plan reading including Architects Scale Rule, structural drawings, and isometric drawings, fixture installations, code book interpretation.

School Of Skilled Building Trades Partnerships:

Construction Skills Initiative
Grainger
School Construction Authority
JATC Elevator and Repair Apprenticeship Program
Local 1 Plumbers Union
Local 3 Electrical Union
MTA

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

