

HVAC



Students develop fundamental skills in HVAC systems through a blend of classroom instruction and hands-on learning. They gain the technical skills to design, install, and repair HVAC/R systems while exploring energy-efficient technologies and environmentally friendly practices. The program emphasizes safety and technical proficiency, with students using industry standard tools from their classroom workshop. Students graduate with a solid foundation in both traditional HVAC systems and modern sustainable solutions, ready to meet industry demands.

CAREER OPPORTUNITIES:

- Engineer
- Installer
- Plant manager
- Retail parts employee/manager
- Service technician
- Solar technician

QUESTAR III
PUTTING STUDENTS FIRST



Learning that works
for New York



SALARY RANGE

**\$37,000 –
\$190,000**



20%

PROJECTED GROWTH IN NYS

2020–2030



**ANNUAL PROJECTED
JOB OPENINGS**

15,930

(Source: CareerOneStop, sponsored by the U.S. Department of Labor, Heating, Air Conditioning, and Refrigeration Mechanics and Installers, Sales Engineers, Solar Thermal Installers and Technicians, Geothermal Technicians, First-Line Supervisors of Mechanics, Installers, and Repairers, Stationary Engineers and Boiler Operators, Plumbers, Pipefitters, and Steamfitters, and Energy Engineers, Zip: 12180, September 2024)

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TECHNICAL ASSESSMENT:

- HVAC Excellence

Successful passing of this written exam may be counted as the fifth required Regent's exam for graduation.

INDUSTRY-BASED CERTIFICATIONS:

- 401a Certification
- CSST Certification
- EPA 608 Refrigerant Handling Certification
- Gastite/Flashshield Certification
- OSHA 10-Hour Safety Training

AVAILABLE CREDITS:

- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)

Please contact your home district counselor for the availability of these credits.

COLLEGE AGREEMENTS:

Students who continue their education can receive credits from the following colleges if they attend their school:

- Hudson Valley Community College
- SUNY Delhi
- University of NW Ohio



www.questar.org/cte

NON-DISCRIMINATION NOTICE FOR STUDENTS AND PROSPECTIVE STUDENTS: Questar III does not discriminate on the basis of actual or perceived race, color, national origin, sex, disability, age, weight, ethnic group, religion, religious practice, sexual orientation, gender identity or expression, or other characteristic protected by federal or state law in its programs and activities, including but not limited to admission, access to and participation in educational programs, course offerings and student activities. Questar III provides equal access to the Boy Scouts of America and other designated youth groups. The following persons at Questar III have been designated to handle inquiries regarding Questar III's non-discrimination policies and the application of regulations prohibiting discrimination:

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2 YEAR PROGRAM:
GRADES

11-12



PROGRAM
GRADUATION RATE

100%

CONTACT INFORMATION:

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