



SENTINEL

VOCATIONAL APPRENTICE TRAINING

Entity Type: Registered 501(c)(3)

About Sentinel Vocational Apprentice Training

Based in Mount Vernon (NY), **Sentinel Vocational Apprentice Training (SVAT)** is an independent 501(C)(3) that works in collaboration with the Mount Vernon City School District, City of Mount Vernon, and a consortium of likeminded engineering, construction, and technology businesses. Our mission is to pave the way for workforce development by training and implementing a vocational program locally in Mount Vernon for its students, residents and people throughout the Lower Hudson Valley and New York Metropolitan area.

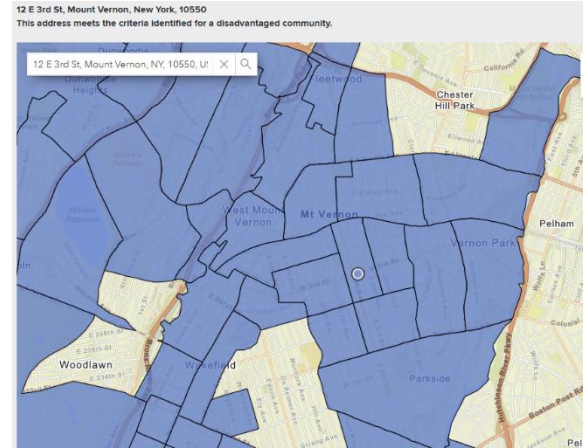
SVAT's offices and training facility (12 E. 3rd Street, Mount Vernon) is in the heart of an underserved, disadvantaged community that New York's Climate Act and Climate Justice Working Group (CJWG) has identified would most benefit from the state's historic transition to cleaner, greener sources of energy, reduced pollution, cleaner air, and economic opportunities.

Sentinel Vocational Apprentice Training provides training to a diverse set of individuals, including high school students, recent high school graduates, and local constituents in Mount Vernon and the surrounding area. We prepare people to operate in a professional capacity and teach them the skill sets needed to succeed in New York's green economy. SVAT provides apprenticeship training in technologies, such as LED lighting installation, solar cell systems, OmniPower™ Power Factor Correction, and other energy-efficient technologies.

Sentinel Vocational Apprentice Training's 3- Part Program:

1. **Mentorship:** We provide support and direction that participants need to succeed.
2. **Vocational Training:** We provide participants tools to build their futures, including hard and soft skill training.
3. **Career Development:** Encouraging participants to take steps toward financial security, up to and including hiring and placing graduates in good paying jobs.

Sentinel Vocational Apprentice Training was founded in 2013, under the stewardship and direction of Terrence Horton, a career developer and former Commissioner of Public Works in Mount Vernon, NY. Recognizing the substantial need for apprentice training within his department workforce, Mr. Horton, along with key founding board members, set out to develop a dynamic program for the community-at-large. SVAT's first program participants graduated with OSHA-certified entry-level competency in the basic construction areas of carpentry, masonry, plumbing, electrical, HVAC, and blueprint reading skills. Participants also received exposure to the latest developments in sustainable technologies. Since its founding, SVAT has enjoyed tremendous success along with its three sister corporations, Sentinel Construction & Development, Sentinel Technology Services Intl. Inc, and Sentinel Electric Inc.





Program Goal:

Sentinel Vocational Apprenticeship Training will develop and train a diverse and underserved workforce in Mount Vernon by preparing residents to build careers in green and clean energy.

Program Strategies:

- Bring together a group of companies that deliver the most modern, cutting edge, energy-efficient line of products for commercial businesses and municipalities to prepare a new green workforce.
- Revitalize Mount Vernon by mentoring, educating, training, and hiring residents in sustainable, well-paying careers.
- Co-Create a path to direct employment by partnering with participating corporations.
- Collaborate with the Mount Vernon City School District and the City of Mount Vernon to foster interest in green trades for high school students, graduates, and others interested in green tech trades.
- Increase opportunities for women in technology by providing exposure to STEAM careers at an early age and create a curriculum that removes gender-specific perceptions.

Program Inputs:

- Integrate Mount Vernon's City School District's STEAM (Science, Technical, Arts, Engineering & Math) Program with SVAT to give students real world application to classroom taught ideas. The STEAM program will serve as exposure and recruitment into SVAT's clean energy career training programs.
- Recruit and train high school students, recent graduates, residents, and stakeholders in energy-efficient technologies

Program Outcomes:

- **Mentorship:** Provide support and direction that SVAT participants need to succeed. Encourage participants to take steps to financial security, up to and including, hiring and placing graduates in good paying jobs. Maintain SVAT's 95% graduation rate.
- **Vocational Training:** Provide a diverse group of participants safety and skill-specific training to build successful careers in New York's green economy. We will maintain or increase the diversity of our participant demographics to match Mount Vernon's underserved communities.
- **Career Development:** Graduates will be able to earn a living wage, not just minimum wage as Electricians, Engineers, Project Managers, Site Control Specialist, etc.
- **Community Development:** Residents will find meaningful employment within Mount Vernon and help stimulate the local economy by creating additional jobs (tech and non-tech) to support its new green industry. Additionally, skilled level jobs will evolve into advanced highly skilled jobs.