

## Tech's HVAC/R Sustainable Energy Students Find Career Passion

On any given day at the Cape May County Technical High School, Tech student's in Mr. Charles Weiss' HVAC/R Sustainable Energy Program of Study are gaining 'real-world' skills and working to meet their postsecondary and career aspirations.

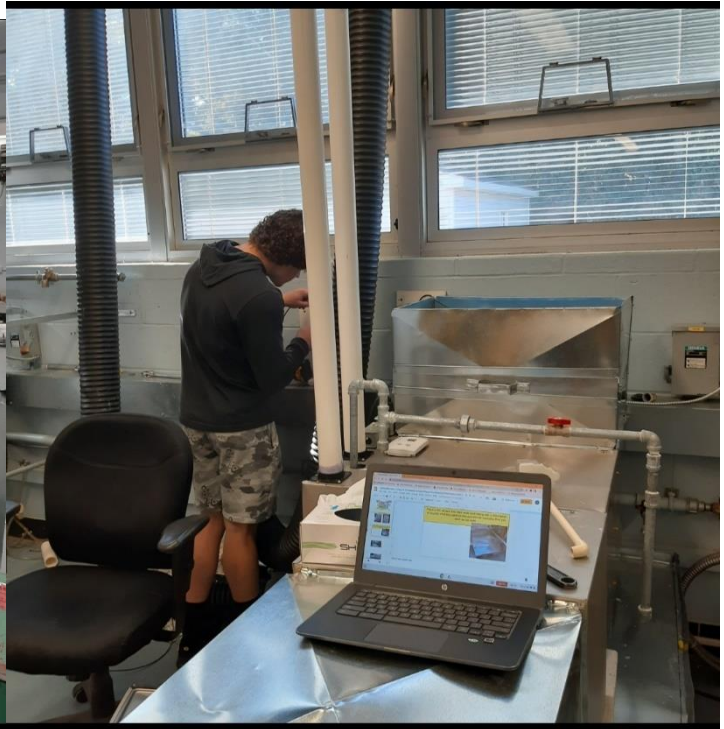
The three -year program of study is designed to provide the necessary knowledge and skills for entry level career and college pathways in the foundations of Heating, Ventilating, Air Conditioning, and Green Energy Applications.

The curriculum includes concepts in Photovoltaics, Solar Water Heating, Wind turbines, and Building Weatherization. Successful program completers will find these vast fields are growing and will continue to grow to meet global energy needs. The education and employment preparation in the fields of HVAC, Green Energy, and Weatherization will prepare students to provide installs, perform service, and create sustainable or green solutions.

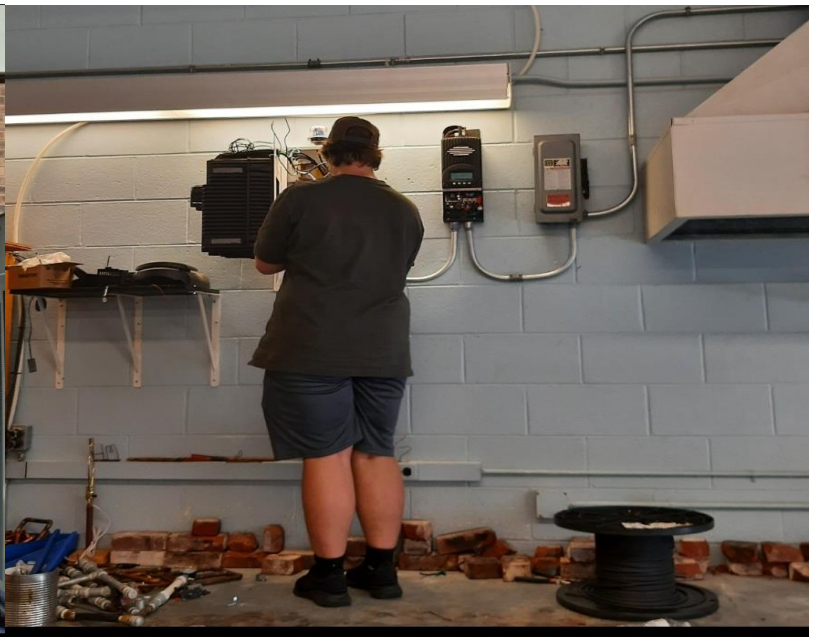
Students, who successfully complete the three- year program. have the opportunity to receive the EPA mandated Universal Refrigerant 608 Certification, Puron Refrigerant Certification and the Flexible Gas Line Certification. Program completers are primed to grow with valuable knowledge, skillsets, and certifications for success in a number of college and career pathways.



Cape Tech Level 1 HVAC/R SE students working on their second residential electric project build and also learning how to use a multimeter, and applying the math equation for Watts Law.



Cape Tech Level 2 HVAC/R SE students are installing gas fired forced air furnace projects for the second and final time. This is a culmination of previous knowledge and learning from last year's Level 1 lessons.



Cape Tech Level 3 HVAC/R SE students are completing their second and final solar electric project of off grid solar electric. This is the second and final solar electric project for the Level 3 students.