



HUNTERDON COUNTY VOCATIONAL SCHOOL DISTRICT **ENVIRONMENTAL SUSTAINABILITY & ENGINEERING ACADEMY**

The Environmental Sustainability & Engineering Academy (ESEA) is the county's first school that focuses on environment-related issues as well as environmental engineering and sustainability occupations.

Through a partnership between Hunterdon County Vocational School District, Voorhees High School, and Hunterdon County Educational Services Commission (ESC), the ESEA is being offered in both a full-time and shared-time format. Full-time students must apply going into freshman year of high school and will become students of Voorhees High School. Shared-time students can apply as sophomores for junior and senior years. Shared-time students will not become Voorhees students, and will split their school day between their high school and the ESC.

Partnerships with Raritan Valley Community College, Rowan College at Burlington County, Rutgers, and Centenary will provide opportunity for college credits. Additionally, occupational

partners ExxonMobil, Bayer-Risse Engineering Inc., NJ Division of Fish and Wildlife – Pequest Trout Hatchery, and Hunterdon County Parks System will provide internship opportunities and structured learning experiences.

Environmental Needs and Occupational Pathways:

- Sustainable water management
- Sustainable wastewater management
- Recycling/Environmental pollution
- Remediation needs for contaminated sites
- Offshore drilling/Hydraulic fracturing
- Weather/Meteorology/Climate change
- Marine biology
- Protection of natural resources
- Environmental policy

The ESEA utilizes the Curriculum for Agricultural Science Education (CASE). CASE introduces students to engineering principles, resource management, ecology, and all the aspects of a comprehensive environmental education.

For more information please contact Mr. Dan Sexton at dsexton@hcvsd.org or Mrs. Stansfield at lstansfield@hcvsd.org. To apply please visit www.hcvsd.org.